

20010619.qrp v02_n225.qrl.20010619

Date: Tue, 19 Jun 2001 19:03:12 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2225

QRP-L Digest 2225

Topics covered in this issue include:

- 1) [100429] Re: Comment
by "George, W5YR" <w5yr@att.net>
- 2) [100430] DON'T miss the DUCK/FOX HUNT...
by Joel M Denison <hamjoel@juno.com>
- 3) [100431] Re: More scrounging
by "w8diz" <w8diz@fpqrp.com>
- 4) [100432] RE: More scrounging
by "Ed Tanton" <n4xy@att.net>
- 5) [100433] Suppresion of ODD Harmonics
by "Conant, Paul" <paul.conant@lmco.com>
- 6) [100434] Fw: WWV user survey
by "David Porter" <aa3ur@home.com>
- 7) [100435] Re: DON'T miss the DUCK/FOX HUNT...
by Pete Burbank <plburbank@kih.net>
- 8) [100436] fs Icom fl 100
by "Michael Herman" <kc9nf@hotmail.com>
- 9) [100437] RE: Riverside CA and Pacificon
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 10) [100438] Re: More scrounging
by "Phil (VA3UX)" <phil@vaxxine.com>
- 11) [100439] MH101: Updated web page
by John Wagner <john@neknetwork.com>
- 12) [100440] Re: Digital technical photographs on web pages
by Bruce Muscolino <w6toy@erols.com>
- 13) [100441] Re: MH101: Updated web page
by John Wagner <john@neknetwork.com>
- 14) [100442] looking for QRP Rig....
by "NZ8J" <timcook@erinet.com>
- 15) [100443] Re: Comment
by "John A. Evans - N0HJ" <jaevalns@codenet.net>
- 16) [100444] Re: DON'T miss the DUCK/FOX HUNT...
by "Larry Przyborowski" <k3peg@yahoo.com>
- 17) [100445] QRP Dupe serial cable question
by "Dave Benham" <dodgeboy@mindspring.com>
- 18) [100446] Re: More scrounging
by "Mike Yetsko" <myetsko@insydesw.com>
- 19) [100447] Re: More scrounging

by "Brian Murrey" <bmurrey@amexol.net>

20) [100448] Re: Don't miss it...
by Macstein@aol.com

21) [100449] OT: Youth Forum at eHam.net
by "Brian P. Mileschosky" <n5zgt@swcp.com>

22) [100450] Re: More scrounging
by "Tim Billingsley KD5CKP" <kd5ckp@yahoo.com>

23) [100451] For Sale: Heathkit HW-8
by Dan & Teena Case <dtcase@pcpartner.net>

24) [100452] MFJ Series SSB Transceivers
by Dan & Teena Case <dtcase@pcpartner.net>

25) [100453] For Sale: A&A Engineering QRP Transceiver
by Dan & Teena Case <dtcase@pcpartner.net>

26) [100454] Re: DON'T miss the DUCK/FOX HUNT...
by "David Porter" <aa3ur@home.com>

27) [100455] Quadriped Mammal/Water Fowl hunts & such
by "Rod Cerkoney, NØRC" <rod@nØrc.com>

28) [100456] T32RD QSLed
by "Rod Cerkoney, NØRC" <rod@nØrc.com>

29) [100457] Re: Youth Forum at eHam.net
by "Andy Meng" <n8mx@yahoo.com>

30) [100458] Worked KB1ENS on his sw30+ 569 in FL
by Macstein@aol.com

31) [100459] Summer FOX Schedule
by "Wilford D. Lindsey" <70511.3041@compuserve.com>

32) [100460] Re: MFJ Series SSB Transceivers
by Randy & Cara Randall <crrandal@seidata.com>

33) [100461] RE:Worked KB1ENS on his sw30+ 569 in FL
by RLemmel@aol.com

34) [100462] Re: More scrounging
by Monty N5FC <n5fc@io.com>

35) [100463] Re: Worked KB1ENS on his sw30+ 569 in FL
by John Wagner <john@neknetwork.com>

36) [100464] Re: Worked KB1ENS on his sw30+ 569 in FL
by Macstein@aol.com

37) [100465] Fw: need part, 1N21
by Oscar A Hoyt <k5ubs@juno.com>

38) [100466] Re: DON'T miss the DUCK/FOX HUNT...
by "Steven Weber" <kd1jv@moose.ncia.net>

39) [100467] Re: Digital technical photographs on web pages
by "Steven Weber" <kd1jv@moose.ncia.net>

40) [100468] Re: Those with daughters are more influential. Was, Re: Rebuttle:
(long) Has anyone seen Elmer lately!!
by Jeffrey L Greer <wd4et@juno.com>

41) [100469] is there a best way to start building a kit?
by Nancy Rabel Hall <kc4iyd@yahoo.com>

42) [100470] COLO QRP CLUB FIELD DAY SITE INFO
by "ABØCD" <abØcd@uswest.net>

- 43) [100471] Re: More scrounging
by Fran Flynn <fflynn@adelphia.net>
- 44) [100472] Re: Suppression of ODD Harmonics
by Beth Gardner / Dan Maguire <BethDan@pacbell.net>
- 45) [100473] Digital Pictures
by "Chuck Adams, K7Q0" <k7qo@earthlink.net>
- 46) [100474] RAC July 1st Contest
by Bruce Rattray <rattray@gpfn.sk.ca>
- 47) [100475] Re: T32RD QSLed
by "Ingo DK3RED" <dk3red@t-online.de>
- 48) [100476] New search engine at G3YCC site
by "Tom Bowman" <tbowman@nbn.net>
- 49) [100477] RE: MFJ Series SSB Transceivers
by "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>
- 50) [100478] Re: Don't miss it...
by "Randall Jouett" <rules@bellsouth.net>
- 51) [100479] Duck Hunt
by ac5ez@webtv.net (Larry)
- 52) [100480] Re: Worked KB1ENS on his sw30+ 569 in FL
by "Brian" <bmurrey@amexol.net>
- 53) [100481] Great QRP Fun In The Midwest: Sioux City Hamboree Recap (Long)
by "John Burnley" <burnleyia@home.com>
- 54) [100482] Re: is there a best way to start building a kit?
by "Mike Yetsko" <myetsko@insydesw.com>
- 55) [100483] RE: is there a best way to start building a kit?
by "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>
- 56) [100484] Paul Washa Book Deals
by "John Burnley" <burnleyia@home.com>
- 57) [100485] Re: Digital Pictures
by Bruce Muscolino <w6toy@erols.com>
- 58) [100486] Snake Hunt?
by Fghester@aol.com
- 59) [100487] Duck/Fox
by ed.kwik@delphiauto.com
- 60) [100488] RE: Digital Pictures
by "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>
- 61) [100489] Re: is there a best way to start building a kit?
by "Brian" <bmurrey@amexol.net>
- 62) [100490] MI CW QRP Net, Tuesday, 19 June, 9:00 PM EDT, 3.535 MHz
by ed.kwik@delphiauto.com
- 63) [100491] Re: Duck Hunt
by Scott McCullough <mcwood@cornhusker.net>
- 64) [100492] TONITE! NEQRP SSB NET Tuesday 7:30PM EDST 7.285 +- 5
by "Ronald A Pfeiffer" <Ronald_A_Pfeiffer@raytheon.com>
- 65) [100493] Re: is there a best way to start building a kit?
by "Mike Yetsko" <myetsko@insydesw.com>
- 66) [100494] Re: Duck Hunt
by Harris Keith E CONT CNIN <harris_k@crane.navy.mil>

- 67) [100495] Sioux City Hamboree addition
by "John Burnley" <JBurnley@ifmc.org>
- 68) [100496] Re: Digital technical photographs on web pages
by "Lau, Zack, W1VT" <zlau@arrl.org>
- 69) [100497] Re: Digital Pictures
by "laura halliday" <marsgal42@hotmail.com>
- 70) [100498] Re: DON'T miss the DUCK/FOX HUNT...
by "Jim Crooke" <crooke@prodigy.net>
- 71) [100499] Fw: [TenTec] New IF-DSP HF QRP transceiver
by "Paul Christensen" <paulc@mediaone.net>
- 72) [100500] Canaday July 1st contest
by Bruce Rattray <rattray@gpfn.sk.ca>
- 73) [100501] Some Thoughts on Operating from ZF2 and other DX locations
by NB6M@aol.com
- 74) [100502] New Ten-Tec IF-DSP QRP rig
by Ken Hopper <khopper@uchicago.edu>
- 75) [100503] FD Plans K7Low
by "N7SG K7FD" <k7fd@hotmail.com>
- 76) [100504] FS: K2
by agtaylor@llnl.gov
- 77) [100505] seeking 2SK937s
by Mighty Mik <mightymik2@home.com>
- 78) [100506] NE602etc...
by "Delbert Long" <ad6we@hotmail.com>
- 79) [100507] Re: New Ten-Tec IF-DSP QRP rig
by Phil Wheeler <w7ox@earthlink.net>
- 80) [100508] Re: FD Plans K7Low
by Phil Wheeler <w7ox@earthlink.net>
- 81) [100509] Re: is there a best way to start building a kit?
by "Randall Jouett" <rules@bellsouth.net>
- 82) [100510] Sioux City Hamboree and Iowa QRP Convention
by "Aartec" <aartec@dwx.com>
- 83) [100511] Re: NE602etc...
by "w8diz" <w8diz@fpqrp.com>
- 84) [100512] RE: is there a best way to start building a kit?
by "Newell, John O" <JNewell@goodwinprocter.com>
- 85) [100513] Re: NE602etc...
by "Leon Heller" <leon_heller@hotmail.com>
- 86) [100514] Re: Duck Hunt
by "Trevor Jacobs" <fxtech@earthlink.net>
- 87) [100515] "Putin-20"
by "Oleg Borodin" <master72@lipetsk.ru>
- 88) [100516] Re: Duck Hunt
by Bruce Rattray <rattray@gpfn.sk.ca>
- 89) [100517] Morse Code on History Channel, "This Week in History", June 18 & 24
by "Ron McConnell" <rcmcc@lucent.com>
- 90) [100518] Soldering Toroids (was building a kit)
by Robert Perkins <rperkins@gte.net>

- 91) [100519] QRP Rigs For Sale
by Ed Kessler <edkess@pa.net>
- 92) [100520] FS Yaesu VX-5 plus accessories
by Ed Kessler <edkess@pa.net>
- 93) [100521] Re: "Putin-20"
by Phil Wheeler <w7ox@earthlink.net>
- 94) [100522] Re: "Putin-20"
by "Oleg Borodin" <master72@lipetsk.ru>
- 95) [100523] need info MFJ=962C tuner
by "kw3u@warwick.net" <kw3u@warwick.net>
- 96) [100524] Re: need info MFJ=962C tuner
by "Mark J. Dulcey" <mark@buttery.org>
- 97) [100525] Re: Digital Pictures
by Dave Fouchey <dafouchey@home.com>
- 98) [100526] Re: Digital Pictures
by Bruce Muscolino <w6toy@erols.com>
- 99) [100527] Re: "Putin-20"
by Mighty Mik <mightymik2@home.com>
- 100) [100528] Re: Digital Pictures
by "George, W5YR" <w5yr@att.net>
- 101) [100529] Re: Digital Pictures
by Bruce Muscolino <w6toy@erols.com>

Date: Mon, 18 Jun 2001 18:00:09 -0500
From: "George, W5YR" <w5yr@att.net>
To: kd1jv@moose.ncia.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [100429] Re: Comment
Message-ID: <3B2E87F9.55246766@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

In any event, anyone making public comment on this now "sensitive" issue
had better be prepared to "DUCK!"

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

Steven Weber wrote:

>

> I think the "Fox Hunt" should be renamed the "Duck Hunt".

>
> The so-called fox is really a sitting duck, who gets blasted from all
> sides, so duck hunt would be more descriptive of what actually
> happens (:-)) And, by calling it a "Duck Hunt", that would eliminate
> the constant confusion between the QRP-L Fox Hunt and the traditional
> VHF hidden xmitter Fox Hunt.

Date: Mon, 18 Jun 2001 19:26:06 -0400
From: Joel M Denison <hamjoel@juno.com>
To: qrp-l@lehigh.EDU
Subject: [100430] DON'T miss the DUCK/FOX HUNT...
Message-ID: <20010618.192607.-264535.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

wOw i LIKE to does them both... however,
 iffin u checketh the past posts, a while past... u will plainly
see the fox/duck whatever hunt is truly a contest... prizes... hunting
teams... awards....and worst of all for 30mtrs -- split operation...
 someone or ones are thinking they be pushing the progress
evenlope heah when in reality they is doing a dumb thing with a contest,
fox/duck hunt on 30 mtrs...
 Tis a shame for the noble fox hunt to come to this...lots of good
folk have put lots of hours and ideas to peak interest in the "Fox" hunt
(I also like the name "sitten duck blow out"). anyhow. .. before someone
takes this contest to the warc bands they might stand up and gives some
time for oxygen to got to thair brains... u gonna brought shame to the
qrp community is what u gonna do...
 U is got 80, 40,20,15,10,and 160? meters to use and won't cause
no problems... U is looking for trouble... shame... an't we all gots
enough troubles as it is....
keep ur cool
it's summertime
geaux fishing
build a kit
kella joel
in maine...

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<http://dl.www.juno.com/get/tagj>.

Date: Mon, 18 Jun 2001 19:38:20 -0400
From: "w8diz" <w8diz@fpqrp.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [100431] Re: More scrounging
Message-ID: <008201c0f84f\$c25eee40\$7ecd1b41@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

sri phil, bad math :)

101=100pf
102=1000pf=1n=.001uf
103=10nf=.01uf
and finally.....
104=100nF or 0.1 uF

aint math wonderful :)

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W
SOC-8 DLQRPAG-1454 ARCI-10226 ARS-781 QRPL-1998 10X-9389 CATT-26
FP#-1 <http://home.cinci.rr.com/w8diz> & <http://kitsandparts.com>

----- Original Message -----

From: "Phil (VA3UX)" <phil@vaxxine.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, June 18, 2001 6:46 PM
Subject: Re: More scrounging

At 11:38 AM 6/18/2001 -0500, Brian Murrey wrote:

>Hey gang,

>

>I came across a box of 500 .1 uF bypass caps. These are marked 104K which
>should mean they're .1 uF at 10% tolerance. These are ceramic disk caps.

104k would be 0.01 uF

Phil

Date: Mon, 18 Jun 2001 19:42:49 -0400

From: "Ed Tanton" <n4xy@att.net>
To: <phil@vaxxine.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [100432] RE: More scrounging
Message-ID: <CKEGICNFDIMCEKEDCEHFCEAKHIAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Sorry Phil... 104 is 0.1uF. MANY years ago I was having trouble keeping track of what was what (102, 103/etc.), and settled on 104 as my 'baseline'. The guys I worked for at the time used more 0.1s than anything, and they were (typically) CK05BX104etc.

73 Ed Tanton N4XY <n4xy@arrl.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

R-390: Motorola SN: 374;
R-390-A: Capehart SN: 2241
51S-1 WE SN: 4389
Galaxy R-530
Hammarlund: HQ-150; HQ-180-C;
HQ-180-A; SP600-VLF SP600-JX-17
SP-600-JX-21
HRO-50; HRO-60; & HRO-500
RACAL: RA17-C & RA6790/GM
TMC: GPR-90, GPR-90-RX & GSB-1

>-----Original Message-----

>From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
>Phil (VA3UX)
>Sent: Monday, June 18, 2001 6:47 PM
>To: Low Power Amateur Radio Discussion
>Subject: Re: More scrounging
>
>
>At 11:38 AM 6/18/2001 -0500, Brian Murrey wrote:
>>Hey gang,

>>
>>I came across a box of 500 .1 uF bypass caps. These are marked 104K which
>>should mean they're .1 uF at 10% tolerance. These are ceramic disk caps.
>
>
>
>104k would be 0.01 uF
>
>Phil
>
>>Is your junkbox hungry?
>>
>>How about 50 for \$3 or 100 for \$5.00 (they're abt 15 cents each
>from Mouser)
>>and two stamps?
>>
>>Let me know if you're interested.
>>
>>73 es "oo"
>>
>>
>>=====

>>	KB9BVN	NORCAL	2792	FISTS	5695	QRP-L	1540	QRP-ARCI	10223
>>		39.558 N	86.095 W			Johnson Co.,		Indiana	
>>		GRID:	EM69WN	-	Ten Tec	Scout	-	Attic Dipole	- 5w
>>		Member of the	American Radio	Relay	League	-	SOC	#400	
>>		FISTS	Century Club	#764/#24	QRP	-	Flying PIG	QRP	#-57

>>=====

Date: Mon, 18 Jun 2001 18:04:10 -0600
From: "Conant, Paul" <paul.conant@lmco.com>
To: "Qrp-L (Post To List) (E-mail)" <qrp-l@lehigh.edu>
Subject: [100433] Suppresion of ODD Harmonics
Message-ID: <675067CF647BD4118DEA00508BE32AB47EAC22@emss02m09.ems.lmco.com>
Content-return: allowed
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

I would like to acknowledge those who responded to my posting about suppression of even harmonics by connecting a short-circuited quarter-wavelength line across a transmitter's output or across the antenna feeder. Reports from those with actual experience suggested this as a

promising technique. The modeling done by Dan, AC6LA, seems to confirm and quantify its effectiveness. So, in response to Bob, N6WC, here is what "Transmission Lines, Antennas and Wave Guides", by King, Mimno, and Wing, (1945), says about suppression of the third harmonic.

"An unwanted third harmonic in the output of a radio transmitter may be suppressed by an arrangement shown in Fig. 26.1. An open section of line [one-twelfth wave-length] long for the fundamental frequency is [one-quarter wave-length] long for the third harmonic. Therefore, if such an open section is connected to the output terminals of a transmitter, the output will be short-circuited for the third-harmonic. At the fundamental frequency, the open [one-twelfth wave-length] section has a capacitive impedance, the effects of which are minimized by the inductive impedance of [a one-sixth wave-length] closed section placed in parallel. At the fundamental frequency the [one-sixth wave-length] closed section will be in parallel resonance with the [one-twelfth wave-length] open section."

I will not try to reproduce in ASCII characters the referenced Fig. 26.1. If someone wants to see it, I can make a copy for them.

There certainly seem to be some real-world applications for this approach. While it may be of limited relevance for QRP builders, I can see how it would be a meaningful technique for operators of vintage equipment that does not meet today's standards for harmonic suppression; and, as was suggested by an earlier respondent, to eradicate interference between stations at the Field Day site.

So, Dan, are you ready to do some more modelling?

72,

Paul, WQ5X

Date: Mon, 18 Jun 2001 20:07:23 -0400
From: "David Porter" <aa3ur@home.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [100434] Fw: WWV user survey
Message-ID: <001a01c0f853\$d1b5cae0\$927ba8c0@jamison1.pa.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Here it is!

----- Original Message -----

From: "NIST Radio Stations WWV & WWVB" <www@boulder.nist.gov>

Sent: Monday, June 18, 2001 3:55 PM

Subject: Re: WWV user survey

> Dear WWV/WWVH listener,

>

> Thank you for your response to the survey announcement heard on the
> WWV/WWVH broadcast. The NIST Time and Frequency Services survey is now
> available!

>

> To complete the survey, go to:

>

> www.timesurvey.nist.gov

>

> The survey will be concluded September 30, 2001. Thank you for your
> participation.

>

> National Institute of Standards and Technology

> Radio Stations WWV/ WWVH

>

Date: Mon, 18 Jun 2001 20:05:45 -0400

From: Pete Burbank <plburbank@kih.net>

To: hamjoel@juno.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [100435] Re: DON'T miss the DUCK/FOX HUNT...

Message-ID: <5.0.2.1.0.20010618194944.00aa7940@KIH.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

At 07:26 PM 6/18/2001 -0400, Joel M Denison wrote:

>wOw i LIKE to does them both... however,

> iffin u checketh the past posts, a while past... u will plainly

>see the fox/duck whatever hunt is truly a contest... prizes... hunting

>teams... awards....and worst of all for 30mtrs -- split operation...

> Snip

Joel has it right!

On a serious note, why take a chance on riling up the commercial OPs.

30 is a really fun band and a wonderful resource for those of us who like
to have a QSO that consists of more than a hello-goodbye.

Steve's Duck hunt is also a great idea.

IMHO the big challenge would be to use the 80 Meter CW band for a
hunt.

73 to all
Pete NV4V

Date: Tue, 19 Jun 2001 00:08:33
From: "Michael Herman" <kc9nf@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [100436] fs Icom fl 100
Message-ID: <LAW2-F138znXgffHr1q00001783@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Fs Icom FL100 \$85 plus shipping
n9nf

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Date: Mon, 18 Jun 2001 20:22:37 -0400
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [100437] RE: Riverside CA and Pacificon
Message-ID: <125490A005E3D3118C9C00805FC743CC023B3216@KAHLESS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Well, I will be at Riverside and will definitely make an appearance at the QRP events. If speakers are still needed, my "RFI *to* Hams" presentation has been of some interest to QRPers.

73,
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

> -----Original Message-----
> From: Chuck Adams, K7Q0 [mailto:k7qo@earthlink.net]

> Sent: Monday, June 18, 2001 5:18 PM
> To: Low Power Amateur Radio Discussion
> Subject: Riverside CA and Pacificon
>
>
>
> Gang,
>
> 1. 2001 SW ARRL Division Convention
>
> Riverside California Convention Center
> Holiday Inn
>
> September 7-9, 2001
>
> QRP Forum with KI6DS, K7QO, WA6HHQ, and KK6MC
> and a rare special appearance of WA6GER
>
> Building Contest
> QRP Hospitality Rooms
> QRP No Host Dinner on Friday Night
>
> All this brought to you by the Lake Perris QRP Society
>
> 2. Pacificon 2001
>
> October 19-21st, 2001
>
> Sheraton Hotel
> Concord, CA
>
> Friday Nite:
> 6pm No Host Dinner at Fuddrucker's Hamburgers
> 7pm Hospitality Room
>
> 7:30-8:30pm Any Radio, Any Band, Any Mode QRP QSO Party.
> Antenna/Aerial limited to 6 feet total length, end to end.
> (Now that outta be interesting and fun. How about a sked
> on 10GHz at 5uW?)
> Saturday: QRP Speakers (4)
> Hospitality at 7:30pm
>
>
> These announcements are in the latest QRPP and FYI. We will be
> seeing more as the time approaches, but this to allow those interested
> to get the cheap air fare ahead of time. My fun part is going to be
> getting out of class at 3pm and getting to these places in time. :-)
> Any F-14 pilots available???? Going to Hawaii?

>
>
> FYI
>
>
>
>
>
> Chuck Adams, K7QO CP-60
> Prescott, AZ k7qo@earthlink.net <http://www.qsl.net/k7qo>
>
> Tmps-2001 Jan 12th -> April 15th, 2001 States = 49 DXCC = 15
>
> States Needed AK DXCC --- K XE VE KH6 V73 HI3 FM5 OH3 C6
> ZL1 C08 ZS6 EA8 EA7 PJ ZL2
>
> Moving to Arizona? --- Bring your own water.
>

Date: Mon, 18 Jun 2001 21:04:30 -0400
From: "Phil (VA3UX)" <phil@vaxxine.com>
To: "Brian Murrey" <bmmurrey@amexol.net>
Cc: qrp-l@Lehigh.EDU
Subject: [100438] Re: More scrounging
Message-ID: <5.0.2.1.0.20010618205625.009f4a90@vaxxine.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 06:21 PM 6/18/2001 -0500, Brian Murrey wrote:

><http://members.aol.com/shephed/tbook.htm>
>
>Based on the above site, the 104's are .1 uF and the 103's are .01 uF,
>according to this chart the K means 10% tolerance.
>
>Phil...is this chart incorrect?

For just a moment, I wish it wasn't. But it is. Well, I certainly don't look too good on this one do I lads. My apologies. As soon as I saw "the 103's are .01 uF", I knew that was correct. I don't know what caused the temporary lapse here. Good thing I wasn't building something and reaching for parts in my current frame of mind.

And many thanks to the eight or so other list members that responded to correct me as well. I was trying to think of some clever quick witted statement to save face; but not tonight - just too tired from work.

Thanks all.....Phil

>72

>

>

>

>----- Original Message -----

>From: "Phil (VA3UX)" <phil@vaxxine.com>

>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

>Sent: Monday, June 18, 2001 5:46 PM

>Subject: Re: More scrounging

>

>

> > At 11:38 AM 6/18/2001 -0500, Brian Murrey wrote:

> > >Hey gang,

> > >

> > >I came across a box of 500 .1 uF bypass caps. These are marked 104K

>which

> > >should mean they're .1 uF at 10% tolerance. These are ceramic disk caps.

> >

> >

> >

> > 104k would be 0.01 uF

> >

> > Phil

> >

> > >Is your junkbox hungry?

> > >

> > >How about 50 for \$3 or 100 for \$5.00 (they're abt 15 cents each from
>Mouser)

> > >and two stamps?

> > >

> > >Let me know if you're interested.

> > >

> > >73 es "oo"

> > >

> > >

> > >=====

> > > KB9BVN NORCAL 2792 FISTS 5695 QRP-L 1540 QRP-ARCI 10223

> > > 39.558 N 86.095 W Johnson Co., Indiana

> > > GRID: EM69WN - Ten Tec Scout - Attic Dipole - 5w

> > > Member of the American Radio Relay League - SOC #400

> > > FISTS Century Club #764/#24 QRP - Flying PIG QRP #-57

> > >=====

> >

> >

> >

Date: Mon, 18 Jun 2001 21:05:59 -0400
From: John Wagner <john@neknetwork.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [100439] MH101: Updated web page
Message-ID: <3B2EA577.5F7BD554@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello again,

I've updated my MH101 web page at:
<http://www.qsl.net/kb1ens/sw30/sw30mh.html>

Included are pics of the finished (sort of) rig and pictures taken along the way. I've also included some commentary.

I'm going to be on the air tonight with the radio from 10pm - 11pm somewhere on 30m (10.115-10.120 probably). Give me a shout, I'm curious to hear how the radio sounds (and be honest 'eh). FWIW, I'll also be using a straight-key, so be gentle on my weary fist.

73,

John, KB1ENS

--

John Wagner - john@neknetwork.com
Web page: <http://www.neknetwork.com>

Date: Mon, 18 Jun 2001 20:59:15 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: n6wg@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [100440] Re: Digital technical photographs on web pages
Message-ID: <3B2EA3E3.FEB3F1C1@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob,

Technical photography is a very small field. There are not many experts

around who will share what they know because it might hurt their business sales!

Points to ponder. Most technical photography of electronics involves two major elements. Vertical and horizontal control and close up photography. Vertical and horizontal control is important in photographing objects so they appear in the proper perspective. This is usually done using a view camera so the photographer has control of the perspective. This is not easy to teach except by doing in a school setting.

Close up photography is also a specialized field. Success in close up photography depends on your ability to control light and work with limited depth of field. Most close ups have very limited depth of field, causing focus to be critical. Light enters the picture because with things like the camera in the way it is difficult to get even lighting.

In short, this is a very specialized field. I doubt there are any tutorials on the web that would begin to cover the subject. Instead I would recommend some older technology. Books. Go to any LARGE Camera store or mail order dealer and look for books that cover these topics. Close ups and perspective control. I doubt anybody will want to use a view camera for perspective control, but some of what is taught will work for other cameras as well. Close ups will be more explanatory. Try some of eh ideas they show. You will probably see an improvement.

73

Date: Mon, 18 Jun 2001 21:11:19 -0400
From: John Wagner <john@neknetwork.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [100441] Re: MH101: Updated web page
Message-ID: <3B2EA6B7.65DC03C1@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ahem... that's 10pm-11pm Eastern time. Sorry...

KB1ENS

John Wagner wrote:

>
> Hello again,
>

> I've updated my MH101 web page at:
> <http://www.qsl.net/kb1ens/sw30/sw30mh.html>
>
> Included are pics of the finished (sort of) rig and pictures taken along
> the way. I've also included some commentary.
>
> I'm going to be on the air tonight with the radio from 10pm - 11pm
> somewhere on 30m (10.115-10.120 probably). Give me a shout, I'm curious
> to hear how the radio sounds (and be honest 'eh). FWIW, I'll also be
> using a straight-key, so be gentle on my weary fist.
>
> 73,
>
> John, KB1ENS
> --
> John Wagner - john@neknetwork.com
> Web page: <http://www.neknetwork.com>

--
John Wagner - john@neknetwork.com
Web page: <http://www.neknetwork.com>

Date: Mon, 18 Jun 2001 21:18:51 -0400
From: "NZ8J" <timcook@erinet.com>
To: <qrp-1@Lehigh.EDU>
Subject: [100442] looking for QRP Rig....
Message-ID: <005201c0f85d\$cdf052e0\$6122fea9@nec>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Looking for a small multiband qrp rig, or one that will go to qrp ssb/cw.
going to leave it at a summer camp so don't want anything too expensive.
Would like to get one before I leave this weekend. Anyone got something
they can part with? Please email with details and price thanks
Tim
NZ8J

Date: Mon, 18 Jun 2001 19:31:53 -0600
From: "John A. Evans - N0HJ" <jaevans@codenet.net>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [100443] Re: Comment
Message-ID: <3B2EAB89.35163525@codenet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

And with the ducks coming and going at odd hours and times, we could have quite the flux of ducks. Gee, this reminds me of thermodynamics.

72 - john - n0hj

Steven Weber wrote:

> I think the "Fox Hunt" should be renamed the "Duck Hunt".

Date: Mon, 18 Jun 2001 21:42:30 -0400
From: "Larry Przyborowski" <k3peg@yahoo.com>
To: <hamjoel@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [100444] Re: DON'T miss the DUCK/FOX HUNT...
Message-ID: <010401c0f861\$1b55d520\$2184accf@master>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Duck Hunt is cool!

And, how about whoever Qs the most Ducks is then dubbed, "The Elmer Phudd of CW Duck Hunterz" ???

72, Larry

Do You Yahoo!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Mon, 18 Jun 2001 21:47:15 -0400
From: "Dave Benham" <dodgeboy@mindspring.com>
To: <qrp-1@Lehigh.EDU>
Subject: [100445] QRP Dupe serial cable question

Message-ID: <012001c0f861\$c6a82b80\$5bd379a5@hqa.chrysler.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I recently downloaded the QRP Dupe zip file and am trying to wire up the hardware. One of the jpg files shows a handwritten schematic of the serial port connector with the 4N35, etc. There is a diode shown in this drawing but no identification for it. Is this a signal diode (1N4148, if I remember, is a common one) or is it a power diode? Or does it matter? It is going to pin 1 of the 4N35 which makes me think it might be a power diode, providing power to it.

Bottom line is, does anyone know what type of diode to use here? I'd like to get this wired before Field Day for a K2 outing.

Thanks in advance.

Dave K8TRF

Date: Mon, 18 Jun 2001 21:58:12 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <n4xy@att.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [100446] Re: More scrounging
Message-ID: <002f01c0f863\$4eca37a0\$0600a8c0@dad>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

One thing I personally always have to remember is to NOT fall into the trap of trying to apply scientific notation to caps.

I think some other people tend to do that too.

I see 104 and my mind first jumps to 1.0×10^4 , then I kick back and think no, it's 10 plus 4 zeros...

Mike

Date: Mon, 18 Jun 2001 21:10:03 -0500
From: "Brian Murrey" <bmmurrey@amexol.net>
To: <myetsko@insydesw.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [100447] Re: More scrounging
Message-ID: <004101c0f864\$f4bb2f60\$32406f40@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Mike,

I look at them and immediately think..."Where's my cap chart?"

----- Original Message -----

From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, June 18, 2001 8:58 PM
Subject: Re: More scrounging

> One thing I personally always have to remember is to
> NOT fall into the trap of trying to apply scientific
> notation to caps.
>
> I think some other people tend to do that too.
>
> I see 104 and my mind first jumps to 1.0×10^4 ,
> then I kick back and think no, it's 10 plus 4 zeros...
>
> Mike
>
>

Date: Mon, 18 Jun 2001 22:11:42 EDT
From: Macstein@aol.com
To: sjolin@swbell.net, qrp-1@lehigh.edu
Subject: [100448] Re: Don't miss it...
Message-ID: <e8.165fd3da.28600ede@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 6/18/2001 5:40:42 PM Eastern Daylight Time,
sjolin@swbell.net writes:

> No need for the flame suit, we are all decent people here. :-)

Hey... speak for yourself! grin.

-MAC-
AF4PS
Odessa, FL

Date: Mon, 18 Jun 2001 20:07:08 -0600
From: "Brian P. Mileschosky" <n5zgt@swcp.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [100449] OT: Youth Forum at eHam.net
Message-ID: <002b01c0f864\$8bd9d1e0\$da04b8d8@hlw11>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi All,

I would like to let everyone know that www.eHam.net has created a discussion forum for youth and youth related items. If you are a young ham, or know of a young ham (or a youngster who is interested in Amateur Radio), or are involved with young Amateur Radio operators, please check this forum out and pass the word along!

72,
Brian, N5ZGT
Albuquerque, NM

Boy Scouts of America Amateur Radio - N5ZGT
Eagle Scout 12/6/96 ARRL QRP: NorCal #1700 QRP-L #580 AK/QRP #125
ASM - Troop 41 Packet: N5ZGT PBBS, 145.01 MHz
OA Lodge 66 Albuquerque, New Mexico
Yah-Tah-Hey-Si-Kess <-W-W-W-< Brother, Kappa Sigma Fraternity
Please Visit my Homepage at: <http://www.unm.edu/~brianm>

Date: Mon, 18 Jun 2001 21:18:25 -0500
From: "Tim Billingsley KD5CKP" <kd5ckp@yahoo.com>

To: <qrp-1@lehigh.edu>
Subject: [100450] Re: More scrounging
Message-ID: <004201c0f866\$28785020\$8dc5ced1@kd5ckpp2>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Roger that...

> I look at them and immediately think..."Where's my cap chart?"

Do You Yahoo!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Mon, 18 Jun 2001 21:21:36 -0500
From: Dan & Teena Case <dtcase@pcpartner.net>
To: "'qrp-1@Lehigh.edu'" <qrp-1@Lehigh.edu>
Subject: [100451] For Sale: Heathkit HW-8
Message-ID: <01C0F83C.AD792DA0@huxley2-38modem.pcpartner.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Greetings:
I have the following transceiver for sale:

Heathkit HW-8 QRP Transceiver

- Includes Matching Power Supply, manuals, and a copy of WB8VGE's HW-8 Handbook
- Only modification done - high to low impedance audio output
- Works great on all bands
- Excellent shape - electrically and cosmetically
- Asking \$125 o.b.o plus shipping CONUS

digital pictures available upon request.

73,

Dan KB0JUL
Slater, Iowa
dtcase@pcpartner.net

Date: Mon, 18 Jun 2001 21:19:15 -0500
From: Dan & Teena Case <dtcase@pcpartner.net>
To: "'qrp-1@Lehigh.edu'" <qrp-1@Lehigh.edu>
Subject: [100452] MFJ Series SSB Transceivers
Message-ID: <01C0F83C.AAE2F260@huxley2-38modem.pcpartner.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

Good Evening:

Does anybody have any comments on the performance of the MFJ series =
single band SSB transceivers? Looks like they would make a good camping =
or mobile SSB transceiver. Look rugged and affordable as well.

73,
Dan KB0JUL
Slater, Iowa

Date: Mon, 18 Jun 2001 21:20:31 -0500
From: Dan & Teena Case <dtcase@pcpartner.net>
To: "'qrp-1@Lehigh.edu'" <qrp-1@Lehigh.edu>
Subject: [100453] For Sale: A&A Engineering QRP Transceiver
Message-ID: <01C0F83C.AC41E620@huxley2-38modem.pcpartner.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Greetings:

I have the following item for sale:
A&A Engineering QRP Transceiver

- 20 meters
- 5 watt output

- CW only
- RIT, S-meter, internal speaker
- Runs on 12v DC
- Excellent condition electrically & cosmetically
- Manual included
- Asking \$75 or best offer

I have digital pictures available on request.

73,
 Dan KB0JUL
 Slater, Iowa
 dtcase@pcpartner.net

 Date: Mon, 18 Jun 2001 22:25:18 -0400
 From: "David Porter" <aa3ur@home.com>
 To: <k3peg@yahoo.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
 Subject: [100454] Re: DON'T miss the DUCK/FOX HUNT...
 Message-ID: <00c401c0f867\$165eb7c0\$927ba8c0@jamison1.pa.home.com>
 MIME-Version: 1.0
 Content-Type: text/plain;
 charset="iso-8859-1"
 Content-Transfer-Encoding: 7bit

Might be treading on yet another trade mark/service mark/copyright
 infringement situation with this? :-)

Really, it's just meant to be phunny!

David Porter
 aa3ur@home.com
 AA3UR

----- Original Message -----

> Duck Hunt is cool!
 > And, how about whoever Qs the most Ducks is then dubbed, "The Elmer Phudd
 of
 > CW Duck Hunterz" ???

Date: Mon, 18 Jun 2001 20:25:12 -0600
From: "Rod Cercone, N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [100455] Quadriped Mammal/Water Fowl hunts & such
Message-ID: <008501c0f867\$11efebf0\$6401a8c0@c919125b>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Perhaps when the solar cycle is at the minimum we can have "Crap
Shoots". ;-)

73, Rod N0RC
Ft Collins, CO

SuperFest 2001 14-Jul-2001
<http://www.qsl.net/n0rc/hamfest/hamfest.html>
BE THERE!

Date: Mon, 18 Jun 2001 20:30:35 -0600
From: "Rod Cercone, N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [100456] T32RD QSLed
Message-ID: <008b01c0f867\$d25994e0\$6401a8c0@c919125b>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

HEY, Hey got my T32RD QSL today; for 30 & 12m QSOs.

Not QRP though, shucks! (less than 50 watts though)

Interesting comment at the bottom of the card:

"Thanks to Japanese and American radioamateurs for consideration
during pileups. We would like to remind to {SIC} European hams that
radioamateur activity is still only a hobby."

73, Rod N0RC
Ft Collins, CO

SuperFest 2001 14-Jul-2001
<http://www.qsl.net/n0rc/hamfest/hamfest.html>
BE THERE!

Date: Mon, 18 Jun 2001 22:33:53 -0400
From: "Andy Meng" <n8mx@yahoo.com>
To: <qrp-1@lehigh.edu>
Subject: [100457] Re: Youth Forum at eHam.net
Message-ID: <019101c0f868\$49526e00\$0a00000a@n8mxmain>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks for the info on the new youth forums at eham.net. There is a club for young hams call the League of Young Radio Amateurs. They have a nice web site at: www.youngradioamateurs.com. I believe there is also a group from Australia that LYRA is now sharing the URL with, so if you are a young ham or know one, please check it out.

72/73,
Andy N8MX

----- Original Message -----
From: Brian P. Milesosky <n5zgt@swcp.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Monday, June 18, 2001 10:07 PM
Subject: OT: Youth Forum at eHam.net

> Hi All,
>
> I would like to let everyone know that www.eHam.net has created a
> discussion forum for youth and youth related items. If you are a young
ham,
> or know of a young ham (or a youngster who is interested in Amateur
Radio),
> or are involved with young Amateur Radio operators, please check this
forum
> out and pass the word along!
>

> 72,
> Brian, N5ZGT
> Albuquerque, NM
>

> Boy Scouts of America Amateur Radio - N5ZGT
> Eagle Scout 12/6/96 ARRL QRP: NorCal #1700 QRP-L #580 AK/QRP #125
> ASM - Troop 41 Packet: N5ZGT PBBS, 145.01 MHz
> OA Lodge 66 Albuquerque, New Mexico
> Yah-Tah-Hey-Si-Kess <-W-W-W-< Brother, Kappa Sigma Fraternity
> Please Visit my Homepage at: <http://www.unm.edu/~brianm>
>

Do You Yahoo!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Mon, 18 Jun 2001 22:38:22 EDT
From: Macstein@aol.com
To: fpqrp-1@mpna.com, qrp-1@lehigh.edu
Subject: [100458] Worked KB1ENS on his sw30+ 569 in FL
Message-ID: <88.815ece3.2860151e@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Since I haven't even STARTED mine... I dusted of the old .38 Special! Super job John!!

Date: Mon, 18 Jun 2001 22:39:18 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Cc: "W D. Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [100459] Summer FOX Schedule
Message-ID: <200106182239_MC3-D63A-2202@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
 charset=ISO-8859-1
Content-Disposition: inline

Gang:

Again, here is the summer FOX hunt roster and schedule. To clarify--all hunts are on Thursday evenings, USA-time. This equates to 0200Z time very early the next morning. There will be two FOXes each evening, and having=

Jim AL7FS is an exciting bonus. Since the hunts will be on 20 Metres, propagation might prove interesting. Here's hoping everyone will get into the hunts, but mainly.....have FUN :-).

FWIW the following roster was drawn entirely from volunteers. Final selections for the active FOXes were based mainly on geography, to give the hunters a good shot at finding each FOX.

Date*	Time Z*	FOX #1	FOX #2	=
28 June	0200	Paul K4FB	Ron W8RU	
5 July	0200	Larry N2WW	Jim AL7FS	=
12 July	0200	Ben NW7DX	Bob N6WG	
19 July	0200	Doc K0EVZ	Jim N5IB	
26 Jul	0200	Marshall N1FN	Jerry N9AW	
2 Aug	0200	Paul K4FB	Jim AL7FS	
9 Aug	0200	Doc K0EVZ	Jim N5IB	
16 Aug	0200	Larry N2WW	Ron W8RU	
23 Aug	0200	Ben NW7DX	Bob N6WG	
30 Aug	0200	Marshall N1FN	Jerry N9AW	

*Date is USA-date. The time shown is Zulu (UTC), so is actually very early the following day. =

If anyone has comments, questions, or suggestions, please feel free to write me directly. Will be glad to hear from you.

My interest is in facilitating the hunt. Thanks for many valuable suggestions which have already been received. I am especially indebted to

Tom Palmer N1TP for his assistance.

72,

--Doc/K0EVZ

Date: Mon, 18 Jun 2001 21:41:51 -0500
From: Randy & Cara Randall <ccrrandal@seidata.com>
To: dtcase@pcpartner.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [100460] Re: MFJ Series SSB Transceivers
Message-ID: <3B2EBBEF.73B6DC20@seidata.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have had one for several months now. It is the 9420 with the cw module. To say it drifts is to be too kind. Worst VFO design I have ever personally experienced! You are forever adjusting the tuning to keep the thing on freq.. Darn shame 'cause the rest of the radio works great.

A little broad @ 2.7 Khz, but works well otherwise. I have built a White Mountain 20

and it is a great little rig. 3W PEP, CW frequency counter and a rugged case. Goes together easily, easy on the battery, and a good receiver. I have used it mobile with

a ham stick and a tri-magnet mount on the roof of my Dodge Neon and it gets into the mobile

maritime net FB from the greater Cincinnati area. Not bad for 3 watts. Best of all,

it doesn't drift like a ship in a hurricane!!!! It is a pity that MFJ does not refine the design

of the 9420. It has much going for it and would be a good value if it wasn't for that blasted VFO.

Randy KB8ASO

Dan & Teena Case wrote:

> Good Evening:

>

> Does anybody have any comments on the performance of the MFJ series single band SSB transceivers? Looks like they would make a good camping or mobile SSB transceiver. Look rugged and affordable as well.

>
> 73,
> Dan KB0JUL
> Slater, Iowa

--

"Hold your head up high and let your spirits fly, keep hope alive, deep inside and your dreams will never die..." KISS-"We Are One"

Date: Mon, 18 Jun 2001 22:56:41 EDT
From: RLemmel@aol.com
To: qrp-1@lehigh.edu (Low Power Amateur Radio Discussion)
Subject: [100461] RE:Worked KB1ENS on his sw30+ 569 in FL
Message-ID: <f6.b8561b6.28601969@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Thought you guys might want to know I heard your qso near Cincy. John was 569 and seemed to pick up a little at the end. He was involved in another qso and his wrist was dying so I thought I would let him alone. Looked at his pics- Great job.

Mac you were abt 559 but your path here had quite a bit of fading but for the most part could pick you out of the qrn.

Just thought you might be interested.

72, Randy-wv9n

Date: Mon, 18 Jun 2001 21:58:12 -0500
From: Monty N5FC <n5fc@io.com>
To: phil@vaxxine.com, qrp-1@Lehigh.edu
Subject: [100462] Re: More scrounging
Message-ID: <5.1.0.14.1.20010618214318.00a5ade0@mail.io.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Phil!

On Mon, 18 Jun 2001 18:46:30 -0400, QRP-L, you wrote:

> 104k would be 0.01 uF

No, 'fraid not...

The first two (or three, if there are 4 numerals) comprise the first two significant digits, and the last numeral is the decimal multiplier, i.e., the number of zeros to add. Thus '104' stands for '100000'. In this case: 100,000 pF, or 0.1 uF.

The letter following stands for the tolerance... F= 1%, G= 2%, J= 5%, K= 10%, M= 20%

Hope this clears things up...

Occasionally, you'll see a disc ceramic labeled '120' (with no letter following). Usually, this means 120 pF, but I've also seen 12 pF labeled that way (12 followed by zero 0's). To confuse things more, I've seen '181' (to indicate 180 pF) and 180 (to indicate 180 pF, too), but 180 could also indicate 18pF. Aiiyyyiiiii! In this case, it's best to have your trusty capacitance meter ;-)

73,

monty N5FC

Monty Northrup, N5FC

Austin, Texas

e-mail: n5fc@io.com

web page (ham radio): <http://www.io.com/~n5fc>

web page (home): <http://www.io.com/~maddog>

Date: Mon, 18 Jun 2001 23:08:31 -0400

From: John Wagner <john@neknetwork.com>

To: Macstein@aol.com

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [100463] Re: Worked KB1ENS on his sw30+ 569 in FL

Message-ID: <3B2EC22F.6639A85B@neknetwork.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Thanks for the QSO Mac, you had a FB sig and fist as usual - always a pleasure. Your 38 special has a real nice sound to it.

Also worked Jim, K8IQY, once before Mac on his FT990(?) and once after on his SW30+ (Manhattan style of course). I believe that makes the first MH101 SW-30+ 2x QSO in history! Jim's SW-30 has a very nice solid tone, I hope mine sounds that good!

Thank you agn to both of you for the nice chat and thanks for putting up with my straight-key fist. I've got a tick chip on order for the little rig that I'll build into it (I build keyers into all my radios, even the PixieII!).

FYI: I ended up with two 22pf NPO caps in series for C7. My rig tunes from abt 10.107 to 10.140. That puts me just above the usual DX mayhem (which is fine with me) and covers plenty of useful band space. I find 30m is good from abt 10.110 to 1.123 or so.

Now I need to invent some sorta case for this rig.

Oh yeah, is there a RIT mod in the works by anyone?

73,

John, KB1ENS

Macstein@aol.com wrote:

>

> Since I haven't even STARTED mine... I dusted of the old .38 Special! Super
> job John!!

--

John Wagner - john@neknetwork.com

Web page: <http://www.neknetwork.com>

Date: Mon, 18 Jun 2001 23:08:02 EDT

From: Macstein@aol.com

To: Rlemmel@aol.com, qrp-1@lehigh.edu

Subject: [100464] Re: Worked KB1ENS on his sw30+ 569 in FL

Message-ID: <fc.7ec9fea.28601c12@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

In a message dated 6/18/2001 10:57:54 PM Eastern Daylight Time,
Rlemmel@aol.com writes:

> Just thought you might be interested.

SURE THING Randy! Yes QSB set in toward the North, but EU opened big time! OKs and EUs were yelling at me down lower. That'll teach me to use the ol' .38 Special on the lower part of 30. I'm getting all the use out of the Infamous Attic Dipole I can before she comes down! Thanks for the rpt.

-MAC-
AF4PS

Date: Mon, 18 Jun 2001 21:29:17 -0500
From: Oscar A Hoyt <k5ubs@juno.com>
To: qrp-l@lehigh.edu
Subject: [100465] Fw: need part, 1N21
Message-ID: <20010618.215251.-45671.0.k5ubs@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

To all who responded; tnx.

When I was able to get on the internet I did find a source for the diode. The magazine I found this project in is Electronics World, March '64. The article is by W6QXW and states that this circuitry makes use of the "square law" of the diode for levels one milliwatt or less. Then there is a good tutorial on designing an attenuator. I had all the parts, including a suitable case, except for the diode. If I can make it work I plan on increasing its range from 300mw to 1 watt. It was designed with six ranges, 1mw, 3mw, 10mw, 30mw, 100mw and 300mw. As designed it will work HF through 300mc, thats 300 MHz for the young !

Oscar Hoyt, ham since '55, ARRL, QCWA, QRP-L 1733, ARCI, NORCAL, SOC
303 303

----- Forwarded message -----

Gang,

I'm working on a project from a 1964 magazine (from my view point that is a recent issue). It is qrp, a milliwatt meter. Trouble is I can't find a diode that is needed, would appreciate help in locating it or a sub.

It is a 1N21, one substitution book I have list a 1N82A sub I'm willing to pay fair or little more price for one or more.

e-mail direct to k5ubs@juno.com

Tnx in advance.

Oscar Hoyt, ham since '55, ARRL, QCWA, QRP-L 1733, ARCI, NORCAL, SOC
303 303

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Date: Mon, 18 Jun 2001 23:15:38 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: k3peg@yahoo.com
Cc: qrp-1@lehigh.edu
Subject: [100466] Re: DON'T miss the DUCK/FOX HUNT...
Message-ID: <200106190347.f5J3lRj18944@wolf.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

> Duck Hunt is cool!
> And, how about whoever Qs the most Ducks is then dubbed,
> "The Elmer Phudd of CW Duck Hunterz" ???

Larry,

That's a great title to "shoot" for! I love it<VBG>
And of course, all ducks are Daffy :-)

72,
Steve KD1JV

Date: Mon, 18 Jun 2001 23:15:40 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: n6wg@earthlink.net
Cc: qrp-1@lehigh.edu
Subject: [100467] Re: Digital technical photographs on web pages
Message-ID: <200106190347.f5J3lPj18925@wolf.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

I went out and bought a flat bed scanner when I decided to do up my
new web page. A lot cheaper than a digital camara and more suited to

making close up pictures of boards than a digital camara is. You can almost read the markings on the smt chips used in my smt-dsw clone, and that's only a 75 dpi scan to keep the file reasonably small.

Of course, if your monitor is set for low resolution, it doesn't look nearly as good as what the high resolution settings produce.

72,

Steve, KD1JV in the White Mountains of New Hampshire

"Melt Solder"

<http://www.qsl.net/kd1jv/index.html>

Date: Mon, 18 Jun 2001 22:35:21 -0500

From: Jeffrey L Greer <wd4et@juno.com>

To: k2jq@bestweb.net

Cc: qrp-1@Lehigh.EDU

Subject: [100468] Re: Those with daughters are more influential. Was, Re: Rebuttle: (long) Has anyone seen Elmer lately!!

Message-ID: <20010618.225803.-483743.3.wd4et@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Hi Dick,

Missy's mom is KF4TPR "Tomatoes, potatoes, & rutabagers" as Woody, KF4GSK says.

The lady hams outnumber me 2:1 in my house.

What the heck, I know who's boss anyway!

HI, HI, Jeff WD4ET

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<http://dl.www.juno.com/get/tagj>.

Date: Mon, 18 Jun 2001 21:44:37 -0700 (PDT)

From: Nancy Rabel Hall <kc4iyd@yahoo.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [100469] is there a best way to start building a kit?
Message-ID: <20010619044437.98836.qmail@web14601.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi all,

As Field Day chairman for my local ham club, I promised I would bring my psk80 kit for us to operate. Well being the procrastinator that I am, this evening I finally cleared away a spot on the table in the radio room to start building this kit. I have verified the parts list, gotten together the tools and test equipment and am ready to melt solder.

Well, the last kit I put together was the 38 special (and yes I've bought several since then) and I guess I've been spoiled because the 38S manual walked you through putting parts on the board in a particular order. The psk80 manual, however, give general info about installation of the parts but no step-by-step insert of component A-B-C. Now, for those people who put this kit together, please don't take offense because I think you all did a great job on the technical aspect and assembly notes. However, being that I've only built one kit before, the revelation that there was no step-by-step assembly process stopped me cold. Therefore, I figured I would ask those of you who've built several kits before the following question.

Is there a best way to start building a kit? I realize that it would depend on the kit, but is there a general rule as to what one should solder first or solder before others? I've heard some people say to put all the caps in first, then resistors, etc. Others say, start from one side of the board and move over. This being my second kit, I still consider myself a novice and want to know which way you all do it. Also, for those of you who've built the psk80, how did you proceed?

If I was on my own, here is how I was thinking of proceeding. I noticed that some areas of the psk80 board is more busy than others so I would put in parts where components are alone, ie c11 and c12. For the busy areas on the board, I was thinking of inserting

the components to get an idea of how easy or difficult it would be to solder them. Just wondering how this approach sounds or if there is a better way.

Well its late now so I will continue tomorrow and will read your responses as I build up the kit and will let you all know how it goes.

73/72 de kc4iyd/8
Nancy

Do You Yahoo!?
Spot the hottest trends in music, movies, and more.
<http://buzz.yahoo.com/>

Date: Mon, 18 Jun 2001 23:03:05 -0600
From: "AB0CD" <ab0cd@uswest.net>
To: "QRP-L" <qrp-l@Lehigh.edu>, "cqclist" <CQCLIST@EGROUPS.COM>
Subject: [100470] COLO QRP CLUB FIELD DAY SITE INFO
Message-ID: <00aa01c0f87d\$1fe3d800\$a29ca0d8@dnvr.uswest.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

TO DENVER AREA COLORADO QRP CLUB MEMBERS AND NON-MEMBERS:

Please join us for a visit to either of our two Millennium Field Day Sites

Maps are available on the club's web site: WWW.CQC.ORG

Direct web access to the maps: WWW.CQC.ORG/FDAY.HTM

COLORADO QRP CLUB
MILLENNIUM COMPETITIVE FIELD DAY SITE
CLASS: 3A BATTERY

WHO -- Colorado QRP Club
WHAT -- Field Day 2001 - The Millennium Competitive Site
WHERE -- Sunset Point, Rampart Range Road southwest of Denver.
DIRECTIONS -- Take Highway 67 West out of Sedalia. Turn left (south) at the Indian Creek Guard Station (USFS) onto Rampart Range Road. Follow the road 2-1/2 miles to Sunset Point, the CQC Field Day site.

FACILITIES -- Overnight camping. Limited RV parking. No electricity. Closest facilities: Flat Rock Campground (Approx. 1-1/2 miles)

WHEN -- Friday-Saturday-Sunday June 22, 23 & 24. Set-up begins Noon Friday June 23. Field Day Event: Noon Saturday to Noon Sunday. Tear-down Sunday afternoon.

STATIONS -- 3 HF Stations. 1 VHF/UHF Station. Talk-in 147.225 Repeater, 146.445 Simplex.

CONTACT -- Al Dawkins K0FRP@ARRL.NET

WHAT ELSE -- If you are staying overnight, get there early. The region is a high-use area because it is a prime off-road motorcycling center. You may be asked by USFS personnel to donate to the area maintenance fund. A small donation of a few dollars is adequate, if you chose to donate.

COLORADO QRP CLUB

MILLENNIUM ALOHA FIELD DAY SITE

CLASS: 2A BATTERY

WHO -- Colorado QRP Club

WHAT -- Field Day 2001 - The Millennium Aloha Site

WHERE -- Residence of Jim Pope, KG0PP CQC # 4. 1062 S Coolidge St Aurora CO.

DIRECTIONS -- From East 6th Avenue - Take 6th Ave. east past Buckley Air Force Base. The road curves off to the right, in a southeasterly direction. Just after you pass the E-470 toll road turn left (east) on Mississippi. 4th street on the left is Coolidge. Aloha Field Day is on the northeast corner.
>From E-470 - Take E-470 to the East Jewell Ave. exit. Go East on Jewell a short distance. Turn left (north) on Gun Club Road. Turn right (east) on Mississippi. 4th street on the left is Coolidge. Aloha Field Day is on the northeast corner.

FACILITIES -- Overnight camping. Limited RV parking. No electricity.

WHEN -- Friday-Saturday-Sunday June 22, 23 & 24. Set-up begins Noon Friday June 23. Field Day Event: Noon Saturday to Noon Sunday. Tear-down Sunday afternoon.

STATIONS -- 2 HF Stations. 1 VHF/UHF Station. Talk-in 147.225 Repeater, 146.445 Simplex.

CONTACT -- Dick Schneider AB0CD@ARRL.NET/ Dave Cleveland KI0ND@ARRL.NET

OPERATING ATTIRE -- Hawaiian Shirt (required) (The management will supply shirts for those who forget.)

WORLD FAMOUS SATURDAY NIGHT POT LUCK BAR-B-Q -- The name says it all.

WHAT ELSE -- Fun * Bring your QRP rig to hook up and try out * Fun * Non-competitive atmosphere * Fun * We aim to get you and yours on the air -- no license required! * And did we say fun?

72 Dick Schneider AB0CD..

Date: Tue, 19 Jun 2001 02:40:31 -0300
From: Fran Flynn <fflynn@adelphia.net>
To: qrp-l Discussion <qrp-l@Lehigh.EDU>
Subject: [100471] Re: More scrounging
Message-ID: <3B2EE5CF.7B629ABB@adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sorry, Phil!

100000 pico farads is .1 mfd

The 4 is a multiplier, it's 10 and 4 zeros. 103 is .01

>104k would be 0.01 uF

>

>Phil

Date: Mon, 18 Jun 2001 22:56:41 -0700
From: Beth Gardner / Dan Maguire <BethDan@pacbell.net>
To: qrp-l@Lehigh.EDU
Subject: [100472] Re: Suppresion of ODD Harmonics
Message-ID: <3B2EE999.6BC4@pacbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Paul wrote (quoting a 1945 text):

> "An unwanted third harmonic in the output of a radio transmitter may be
> suppressed by an arrangement shown in Fig. 26.1. An open section of line
> [one-twelfth wave-length] long for the fundamental frequency is [one-quarter
> wave-length] long for the third harmonic. Therefore, if such an open
> section is connected to the output terminals of a transmitter, the output
> will be short-circuited for the third-harmonic. At the fundamental
> frequency, the open [one-twelfth wave-length] section has a capacitive
> impedance, the effects of which are minimized by the inductive impedance of
> [a one-sixth wave-length] closed section placed in parallel. At the

> fundamental frequency the [one-sixth wave-length] closed section will be in
> parallel resonance with the [one-twelfth wave-length] open section."
> ...
> So, Dan, are you ready to do some more modelling?

You bet. Based on the written description, and to be consistent with previous posts, here's what I modeled with EZNEC and XLZIZL: 40M dipole resonant at 7.040, fed with 50 feet of RG-8X, with two stubs at the shack end. The stubs are 1) 1/12 wave (9.55 ft at 7.040) open and 2) 1/6 wave (19.09 ft at 7.040) shorted, both connected in parallel with the main transmission line.

At the fundamental freq of 7.040 the three coax pieces perform impedance transforms as follows: The antenna feedpoint Z of 88.3+j0 goes to 65.4+j24.9 at the shack end of the 50 foot run. The open stub transforms to 0.3-j86.6 at the common connection point, and the shorted stub transforms to 4.7+j86.5 at the same point. (Yep, I smiled too when I saw what the 1/6 wave shorted stub did!) Connecting all three of these Z's together in parallel yields 63.1+j22.8 ohms, which presents an SWR of 1.59 to the rig, which is actually just slightly better than the SWR (1.66) with only the 50 foot feeder and no stubs. So the second part of the quoted passage is correct, the 1/6 wave shorted stub cancels out the effect of the 1/12 wave open stub.

How about harmonic rejection? At 21.120 MHz, the precise 3rd harmonic, *without* the two stubs the attenuation is only 1.9 dB, which makes sense as lots of folks use a 40M antenna on 15M. But *with* the two stubs the attenuation is a respectable 35.5 dB. As with the previous study of even harmonics, the rejection band is again fairly broad. At 21.000 MHz the attenuation is 34.6 dB and at 21.200 MHz it's 34.5 dB.

I for one have never heard of this 1/12 wave open plus 1/6 wave shorted stub approach for odd harmonics. Looks like the authors of Paul's text had it figured out way back in 1945. What goes around comes around!

73,
Dan AC6LA
XLZIZL info at: <http://www.qsl.net/ac6la/>

Date: Tue, 19 Jun 2001 05:51:53 +0100
From: "Chuck Adams, K7Q0" <k7qo@earthlink.net>
To: qrp-l@Lehigh.EDU
Subject: [100473] Digital Pictures
Message-ID: <5.0.2.1.0.20010619053204.009f5420@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

Here are some of the things that I have learned on my own using an Epson PhotoPC --- one of the older digital cameras around I would guess. I've had it at least 4 years.

1. Get a camera that has a 37mm attachment ring so that you can buy at just about any camera place the Tiffen close up lenses. There are three in the set that allow you to combine them to set up the distance for close ups.
2. Since I have the memory (in the camera) to take 80 high resolution 640x480 (I know that there are larger formats in this day and age but try to display the images on a 1280x1024 screen), :-)
I did a series of photos to get the right combo for distance.

Set up an object to photograph and use a ruler to measure the distance from the object to the front of the lense. Take a series of pictures with different lens setups and make sure you keep a table written down of what each photo combination was at the time.

Then download the images from the camera and make a table of the lens combo used for each distance from the closest to the largest that gives you the best results. Don't lose this list.

3. Now since I don't have a display on the back of my camera I have to work out the parallax issue on my own from experience. I am still not all that good at it as you can see where I miss the mark in some of the web photos. But after I have taken a series of pictures and then gone on with the construction I can not back track and redo them.....
4. And for close up photos you have to worry about the flash. I found the flash to be too harsh or highlight the wrong area. So I cut a piece of a milk container (the plastic kind that is a light white) to make a cover for the flash and I scotch taped over the flash lens. This acts as a light diffuser and spreads it evenly over the area. Of course at the longer distances you have to remove this or you will get darker photos.

Hope this helps those that had questions about this.

Those that have the \$800 cameras can tell us how easy it is with

the zoom feature and the LCD display in the back. :-)

FYI

P.S. I use 4 AA NiMH batteries and find that they last for some time. I buy these puppies from the NiCAD lady at swap meets for \$1 each. Most of the time they are the flat types used to build battery packs for HT's. I use the Harbor Freight punch and punch out some thin brass stock in circular pads and solder these to the ends to make the missing button. Works for me. And the price is right.

I did find the regular button type batteries at Pacificon last year for \$1 also from some guy in the back of the commercial vendor hall. I assume that he will return this year, so you might look out from him.

I use the same things in the Walkman daily for two hours listening to tunes or QRQ codes. Use a fast charger also from the same sources.

Chuck Adams, K7QO CP-60
Prescott, AZ k7qo@earthlink.net <http://www.qsl.net/k7qo>

TMPS-2001 Jan 12th -> April 15th, 2001 States = 49 DXCC = 15

States Needed AK DXCC --- K XE VE KH6 V73 HI3 FM5 OH3 C6 ZL1 C08 ZS6 EA8 EA7
PJ ZL2

Moving to Arizona? --- Bring your own water.

Date: Tue, 19 Jun 2001 00:03:53 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>, Low Power Group <qrp-1@LeHigh.EDU>
Subject: [100474] RAC July 1st Contest
Message-ID: <Pine.LNX.4.33.0106182358370.11333-100000@neale.gpfn.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The new version of the Canaday software is now available on the RAC Web Site for downloading. Two additions have been made ---

- (1) The pgm now recognizes 3 digit calls.
- (2) There is an e-mail function available for after the contest is over

which allows the operator to send their results to the contest managers.

Go to <http://www.rac.ca> and select SEARCHtype in QRP-CANADA this will take you to the QRP-Canada web page which has a link to the Canaday software....hope to work you in the contest!

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
K2#2032 A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" oo#148 "I am da man wit "DAH" paddle!"

Date: Tue, 19 Jun 2001 12:05:22 +0200
From: "Ingo DK3RED" <dk3red@t-online.de>
To: <rod@n0rc.com>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [100475] Re: T32RD QSLed
Message-ID: <006901c0f8a7\$5c3b7040\$408f01d9@ingo>

Hello Rod, N0RC,

> "Thanks to Japanese and American radioamateurs for consideration
> during pileups. We would like to remind to {SIC] European hams that
> radioamateur activity is still only a hobby."

Thank you for the repetition of this comment. You should not shear
however all hams over a comb.

72 de Ingo, DK3RED - EUROPE

E-Mail: dk3red@qsl.net - Homepage: www.qsl.net/dk3red

Date: Tue, 19 Jun 2001 07:14:23 -0400
From: "Tom Bowman" <tbowman@nbn.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [100476] New search engine at G3YCC site
Message-ID: <003101c0f8b1\$0208b9c0\$13b2473f@tombowma>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi,

Just added a search engine to this version of G3YCC's QRP site at
<http://www.wa3rey.com/>

There are about 280 pages there and the search engine effectively sorts through all the information. Try the "any word" "all words" and "exact phrase" features to find what you are looking for.

73,

Tom, WA3REY

Date: Tue, 19 Jun 2001 07:30:26 -0400
From: "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>
To: "'crrandal@seidata.com'" <crrandal@seidata.com>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [100477] RE: MFJ Series SSB Transceivers
Message-ID: <078F21595FA7D411B87B00805FA728E64A4863@atlexc02ntms.hboc.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Real interesting,... Mine is stable as a rock. I wonder why the difference.

Jerry
W3CDE

-----Original Message-----

From: Randy & Cara Randall [mailto:crrandal@seidata.com]
Sent: Monday, June 18, 2001 10:42 PM
To: Low Power Amateur Radio Discussion
Subject: Re: MFJ Series SSB Transceivers

I have had one for several months now. It is the 9420 with the cw module. To say it drifts is to be too kind. Worst VFO design I have ever personally experienced! You are forever adjusting the tuning to keep the thing on freq.. Darn shame 'cause the rest of the radio works great. A little broad @ 2.7 Khz, but works well otherwise. I have built a White Mountain 20

and it is a great little rig. 3W PEP, CW frequency counter and a rugged case.
Goes together easily, easy on the battery, and a good receiver. I have used it mobile with a ham stick and a tri-magnet mount on the roof of my Dodge Neon and it gets into the mobile maritime net FB from the greater Cincinnati area. Not bad for 3 watts. Best of all, it doesn't drift like a ship in a hurricane!!!! It is a pity that MFJ does not refine the design of the 9420. It has much going for it and would be a good value if it wasn't for that blasted VFO.

Randy KB8AS0

Dan & Teena Case wrote:

> Good Evening:
>
> Does anybody have any comments on the performance of the MFJ series single band SSB transceivers? Looks like they would make a good camping or mobile SSB transceiver. Look rugged and affordable as well.
>
> 73,
> Dan KB0JUL
> Slater, Iowa

--

"Hold your head up high and let your spirits fly, keep hope alive, deep inside and your dreams will never die..." KISS-"We Are One"

Date: Tue, 19 Jun 2001 06:37:09 -0500
From: "Randall Jouett" <rules@bellsouth.net>
To: <qrp-1@Lehigh.EDU>, <w6toy@erols.com>
Subject: [100478] Re: Don't miss it...
Message-ID: <005301c0f8b4\$2de29680\$16084ed8@rules>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: Bruce Muscolino <w6toy@erols.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Monday, June 18, 2001 4:30 PM

Subject: Re: Don't miss it...

Hey Bruce,

> It depends on your definition of a fox hunt. If it is a contest, it is
> not allowed on 30 meters. If it is an activity party then it may be
> legal. Personally I would avoid all occasion of temptation!

Well, it gets a little deeper than that, IMHO. If someone is
keeping score and everyone is posting logs, then it's a
contest. Hmmm.

Randy

--

HAMateur Radio: AB5NI

Date: Tue, 19 Jun 2001 06:48:08 -0500 (CDT)

From: ac5ez@webtv.net (Larry)

To: qrp-1@lehigh.edu

Subject: [100479] Duck Hunt

Message-ID: <28657-3B2F3BF8-1810@storefull-118.iap.bryant.webtv.net>

Content-Disposition: Inline

Content-Type: Text/Plain; Charset=US-ASCII

Content-Transfer-Encoding: 7Bit

MIME-Version: 1.0 (WebTV)

Of course there would have to be a team of Hounds called "Daffies"

K1zw

Larry

Qcwa

Date: Tue, 19 Jun 2001 07:59:13 -0400
From: "Brian" <bmurrey@amexol.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [100480] Re: Worked KB1ENS on his sw30+ 569 in FL
Message-ID: <001b01c0f8b7\$4281cb80\$3d05080a@cincom.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I dug around 30m for 30 mins last night, during the specified time and did not find John from central Indiana. Did QSO with a couple of NJ stations.

Way to go John!

----- Original Message -----

From: <Macstein@aol.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, June 18, 2001 10:38 PM
Subject: Worked KB1ENS on his sw30+ 569 in FL

> Since I haven't even STARTED mine... I dusted of the old .38 Special!
Super
> job John!!
>

Date: Tue, 19 Jun 2001 07:51:52 -0500
From: "John Burnley" <burnleyia@home.com>
To: <qrp-l@lehigh.edu>
Subject: [100481] Great QRP Fun In The Midwest: Sioux City Hamboree Recap (Long)
Message-ID: <000b01c0f8be\$9d375de0\$1b790818@c149552-a.west1.ia.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi gang, this is just a quick note to tell you about all the QRP fun in Sioux City this past weekend. The Iowa QRP Club was active (again) at the hamboree with QRP Forums, display tables, dinner, luncheons, and a building event. Attendance was down at the hamfest, but this didn't spoil the QRP fun and excitement!

First let me thank the speakers for the QRP Forums. Ed Hare

(W1RFI) had a fabulous presentation on the 'Tuna Tin 2 Saga'. This was my first chance to not only meet Ed, but listen to one of his forums. What an enthusiastic speaker! I learned quickly that Ed is very passionate about our little niche of the hobby and I'm going to adopt one of Ed's catch phrases; 'Did I mention that QRP is fun?!?!!!!!'. Ed did not come empty handed either. The original Tuna Tin 2 built by Doug DeMaw was on-hand (not only in Ed's session but also at the display table as well). Ed graciously entrusted us with guarding one of QRP's genuine pieces of history. Cries of we're not worthy echoed throughout the hall as QRP'ers paid homage (hi).

This is Jim Duffey's (KK6MC/5) second year of presenting at the Hamboree. Jim presented the topic of 'Batteries For QRP'. Jim is an excellent speaker and did an FB job. Jim is also known as Dr. Megacycle and in many QRP circles is considered a 'Saint'. Jim travels and speaks at many QRP events across the country and we are very grateful that he was able to arrange to be with us at the Hamboree.

Ade Weiss (W0RSP) is a 'regular' speaker at the Hamboree (living 40 miles away certainly helps hi). Ade spoke on 'SWR....What Does It Really Mean?'. He did a fabulous job and was paid a compliment by a retired Collins engineer who told the audience that this was the best presentation he had ever seen. We really appreciate Ade's contribution to our efforts to spread the good word about low power operating.

Walt Holling (N9MZP) is well known throughout the IAQRP circles as an expert builder and PSK31 guru. Walt has held PSK31 displays at several Iowa hamfests and did an outstanding job with his presentation. He even set up a working PSK31 station at the display table in the Convention Center hall. Again, our thanks to Walt for his contribution to this successful event!

One of the highlights every year at the Hamboree is a building event. This years turnout was FB! Old and young alike were busy stuffing components and melting solder on their projects. Builders had a choice between Tuna Tin 2 kits (from the Ft. Smith QRP Group), VE3DNL Marker Generator kits (Ft. Smith vintage as well), and St. Louis Audio Amp kits. There was a small fee for the TT2 and VE3DNL Marker Generator kits, but the St. Louis Audio Amp kits were free (many of the St. Louis Audio Amp kits found good homes with first time builders under the age of 16 at the display table as well). Our thanks to Jay Bromley who helped out with the Ft. Smith goodies and Dave Gauding and the St. Louis QRP Society who donated the boards for the audio amp kits. There were many first time builders at the building event (old and young) and it was really exciting to see them getting their projects together!

There were also plenty of prizes that found their way to good homes! The IAQRP Club would like to thank the following individuals who donated prizes: Doug Hendricks and Jim Cates (NorCal) who donated an SMK transceiver, BLT tuner, and NorCal Toroid kit; Ed Hare who donated 3 ARRL books (one was a first edition QRP Notebook by Doug DeMaw!!!); Gary Diana of Embedded Research who donated a Tick 4 kit with enclosure kit; and Mike Fitzgibbon who donated 2 SMK kits, 2 SMK enclosure kits, 3 Ptick kits, and a Warbler kit. Again our thanks to these great QRP'ers for supporting our event. If I have inadvertently left out anyone, my apologies in advance.

The Hamboree was great fun and I look forward to seeing you there next year!

72, John NU0V

Date: Tue, 19 Jun 2001 08:59:03 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <kc4iyd@yahoo.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [100482] Re: is there a best way to start building a kit?
Message-ID: <00eb01c0f8bf\$a0f310e0\$6b01a8c0@INSYDENT>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

If I run into the kind of kit without 'step by step', first thing I do is run to a store and make about 5 or more copies of the schematic.

Then I pick a circuit area and start there. As I place any part in on the board, I 'highlight' a copy of the schematic to show I mounted the part.

It's probably not too important to do this with a 'kit', but I also verify 'traces' from part to part with a meter. Not all, just the 'long interconnects'. And then highlight them as well.

If there are any 'jumpers' on the board, highlight the entire 'node' on

the
schematic and trace out the circuit with a meter to be sure.

Finally, any transformers I ALWAYS ohm out BEFORE I mount them,
then again after I mount them. ESPECIALLY if I had to wind it myself
or if I had to scrape enamel wire, just to make sure that I scraped it
well enough and the solder made a good connection.

Mike

> Is there a best way to start building a kit? I realize
> that it would depend on the kit, but is there a
> general rule as to what one should solder first or
> solder before others? I've heard some people say to
> put all the caps in first, then resistors, etc. Others
> say, start from one side of the board and move over.
> This being my second kit, I still consider myself a
> novice and want to know which way you all do it. Also,
> for those of you who've built the psk80, how did you
> proceed?
>
> If I was on my own, here is how I was thinking of
> proceeding. I noticed that some areas of the psk80
> board is more busy than others so I would put in parts
> where components are alone, ie c11 and c12. For the
> busy areas on the board, I was thinking of inserting
> the components to get an idea of how easy or difficult
> it would be to solder them. Just wondering how this
> approach sounds or if there is a better way.
>
> 73/72 de kc4iyd/8
> Nancy

Date: Tue, 19 Jun 2001 09:03:17 -0400
From: "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [100483] RE: is there a best way to start building a kit?
Message-ID: <078F21595FA7D411B87B00805FA728E64A4868@atlexc02ntms.h boc.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

-----Original Message-----

From: Mike Yetsko [mailto:myetsko@insydesw.com]

Sent: Tuesday, June 19, 2001 8:59 AM

To: Low Power Amateur Radio Discussion

Subject: Re: is there a best way to start building a kit?

<SNIP>

>Finally, any transformers I ALWAYS ohm out BEFORE I mount them,

I like ohm made pi also 8-)..

>then again after I mount them. ESPECIALLY if I had to wind it myself

>Mike

Jerry

W3CDE

Date: Tue, 19 Jun 2001 08:07:16 -0500

From: "John Burnley" <burnleyia@home.com>

To: <qrp-1@lehigh.edu>

Subject: [100484] Paul Washa Book Deals

Message-ID: <000d01c0f8c0\$c3b67da0\$1b790818@c149552-a.west1.ia.home.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hi gang! I've been in contact with Paul Washa and he would like to offer some good deals to the QRP community. Paul wants to clear out his inventory so these specials are for his in-stock inventory only. There are many titles that Paul carries (so if you do not see one listed that interests you then contact Paul for the special price). Please remember that quantities are limited to what Paul has in-stock.

Here are some of the specials that Paul mentioned (this does not include shipping; you will be required to pay the exact shipping charges as well):

Ham Radio Magazine CD's \$33 each or set of 3 for \$99

Joy Of QRP \$16

Voice of the Crystal \$9

Reflections II		\$16
QST CD Roms	\$23	
individual years		\$11
QRP Now		\$13
Low Power Communications	\$9	
ARRL 2001 Handbooks	\$20	
ARRL Antenna Handbook	\$20	
Hallicrafters (by Dachis)	\$18	
Heathkit (in the early years)	\$4	

These are just a few of the titles that Paul carries. If you are interested then contact Paul at w0tok@msn.com to reserve your order and find out what the shipping charges will be. You may also use that Email address for inquiries about other titles. I hope you have your checkbooks ready because these are some great deals!

Usual disclaimer applies: I have no financial interest in Paul's business and am not receiving anything in return for posting the information.

72, John NU0V

Date: Tue, 19 Jun 2001 09:11:08 -0400
 From: Bruce Muscolino <w6toy@erols.com>
 To: k7qo@earthlink.net
 Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
 Subject: [100485] Re: Digital Pictures
 Message-ID: <3B2F4F6C.239957C8@erols.com>
 MIME-Version: 1.0
 Content-Type: text/plain; charset=us-ascii
 Content-Transfer-Encoding: 7bit

Chuck,

I would temper your recommendation about 37 mm attachments. Instead I would recommend buying a digital camera that allows attachment of supplementary lenses/filters over the front of the lens. These are available in a variety of sizes to fit almost any camera.

Yes, buy close up lenses. They usually come in a set of three. The better ones can be placed 'in series' over the lens to increase magnification.

Digital cameras do allow faster feedback to experiments than film

cameras. You can make a series of exposures and see the results almost immediately. If you kept good notes you can repeat what you have done.

Lighting is another matter. Cutting a diffuser from a plastic bottle is one approach. Actually the best method, though not really useable with most digital cameras is to use a bare photoflood lamp in a holder and to paint the object with light. Unfortunately most digital cameras don't have an adjustable lens opening so the approach will often yield overexposed photos.

Accessory lenses are sold in the form of Neutral Density lenses that will make some compensation for this. Neutral Density lenses reduce the light coming in to the camera's lens by some factor ranging from 1/2 to 1/64. What is required? The instant picture capability of the digital camera will help here, just be sure you can return and exchange the lens for another one!

73

Date: Tue, 19 Jun 2001 09:32:30 EDT
From: Fghester@aol.com
To: <qrp-l@lehigh.edu>
Subject: [100486] Snake Hunt?
Message-ID: <db.16224786.2860ae6e@aol.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I'm holding out for the Snake Hunt! / WD9F

Date: Tue, 19 Jun 2001 09:29:00 -0400
From: ed.kwik@delphiauto.com
To: qrp-l@Lehigh.EDU
Subject: [100487] Duck/Fox
Message-ID: <05256A70.004A99EF.00@notes.delphiauto.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Please keep the Fox hunts off of 30 meters. I like 30 just the way it is. If you want to try another band that's fine. In fact I think 80 meters for the dead of winter would be very interesting. 80 has lots of room and 3.560 MHz is almost always free.

AB8DF Ed Kwik

Date: Tue, 19 Jun 2001 09:33:01 -0400
From: "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [100488] RE: Digital Pictures
Message-ID: <078F21595FA7D411B87B00805FA728E64A486A@atlexc02ntms.hboc.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Bruce & Chuck,

An inexpensive source for digital camera lenses is the use of "video camera" lenses. They come in a range of adapter sizes and are relatively inexpensive. Look for test pictures of the lenses and a photography magazine test of the lens before you buy. These are available on the net with a good search engine. There are several web sites that sell the lenses at a heavy discount.

If you use the attached/internal electronic flash on the camera, use a folded white tissue or a folded white paper napkin held over the flash, to reduce the amount of light for close-up pictures. Do not flash "through" your finger, you will get a nice red color to your picture 8-). A little trial and error will produce exactly the right lighting and give you the results you are looking for. A white cloth handkerchief is also a good light filter.

With a digital camera, it does not cost anything to retake pictures so practice, practice, practice. If you have a high end camera that eats batteries, use rechargeable NiMh batteries, but remember the self discharge rate is 2-3% per day. Mine uses 1.3A when processing a picture.

Jerry
W3CDE

-----Original Message-----
From: Bruce Muscolino [mailto:w6toy@erols.com]
Sent: Tuesday, June 19, 2001 9:11 AM
To: Low Power Amateur Radio Discussion
Subject: Re: Digital Pictures

Chuck,

I would temper your recommendation about 37 mm attachments. Instead I would recommend buying a digital camera that allows attachment of supplementary lenses/filters over the front of the lens. These are available in a variety of sizes to fit almost any camera.

Yes, buy close up lenses. They usually come in a set of three. The better ones can be placed 'in series' over the lens to increase magnification.

Digital cameras do allow faster feedback to experiments than film cameras. You can make a series of exposures and see the results almost immediately. If you kept good notes you can repeat what you have done.

Lighting is another matter. Cutting a diffuser from a plastic bottle is one approach. Actually the best method, though not really useable with most digital cameras is to use a bare photoflood lamp in a holder and to paint the object with light. Unfortunately most digital cameras don't have an adjustable lens opening so the approach will often yield overexposed photos.

Accessory lenses are sold in the form of Neutral Density lenses that will make some compensation for this. Neutral Density lenses reduce the light coming in to the camera's lens by some factor ranging from 1/2 to 1/64. What is required? The instant picture capability of the digital camera will help here, just be sure you can return and exchange the lens for another one!

73

Date: Tue, 19 Jun 2001 09:36:32 -0400
From: "Brian" <bmurrey@amexol.net>
To: <myetsko@insydesw.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [100489] Re: is there a best way to start building a kit?
Message-ID: <002701c0f8c4\$dd8da560\$3d05080a@cincom.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Finally, any transformers I ALWAYS ohm out BEFORE I mount them,
> then again after I mount them. ESPECIALLY if I had to wind it myself
> or if I had to scrape enamel wire, just to make sure that I scraped it

> well enough and the solder made a good connection.
>
> Mike

Man you said a mouthful there. If I had a nickle for every time I had to remove a toroid, restrip/sand the wire, and reinstall it with instant success, I'd be filthy steenking rich. Why do I keep making the same mistakes? <grin>

Excellent builder tip Mike.

```
=====
KB9BVN/QRP - New Whiteland IN - EM69WN
QRP-ARCI #10223 QRP-L #1540 FIST #5695
FISTS CC #764 - Proud Member ARRL
TEN TEC SCOUT @ 5W or NORCAL 40A @ 1.3W
INTO INFAMOUS AF4PS ATTIC DIPOLE
SOC #400 AND FLYING PIGS QRP #-57
=====
```

Date: Tue, 19 Jun 2001 09:43:01 -0400
From: ed.kwik@delphiauto.com
To: qrp-l@Lehigh.EDU
Subject: [100490] MI CW QRP Net, Tuesday, 19 June, 9:00 PM EDT, 3.535 MHz
Message-ID: <05256A70.004B84D4.00@notes.delphiauto.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

The Michigan QRP net meets each Tuesday night at 9:00 PM Eastern time on 3.535 MHz. Last week conditions were very poor with S9 QRN crashes. Last week we had no check ins. The WX for tonight does not look promising but we will give it a try.

TMPS: WAS - 28 states worked. DXCC - 25 entities worked. LZ, FG, V3, PT, Y0, PJ8, PJ2, 9A1, HB9, VE3, FM, IK2, SP6, VP2E, Z32, HA7, T94, VP9, LY2, J88, G4, DL1, OZ8, OK1, CM2. Putting my K2 together is cutting into my OP time. SW30+ and used batteries from my handheld computer, 30 meter vertical loop.

Ed AB8DF

Date: Tue, 19 Jun 2001 08:54:32 -0500
From: Scott McCullough <mcwood@cornhusker.net>
To: <qrp-1@lehigh.edu>
Subject: [100491] Re: Duck Hunt
Message-ID: <200106191354.IAA30416@go.bigred.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

>Of course there would have to be a team of Hounds called=
"Daffies"

Wouldn't the ducks be called the "Daffies"? Then the hunters
could be called "Elmers".

Scott ~ NB0W

Date: Tue, 19 Jun 2001 09:54:51 -0400
From: "Ronald A Pfeiffer" <Ronald_A_Pfeiffer@raytheon.com>
To: neqrp@jona1.net, qrp-1@Lehigh.EDU
Subject: [100492] TONITE! NEQRP SSB NET Tuesday 7:30PM EDST 7.285 +- 5
Message-ID: <0F96E147B3.85C7332E-0N85256A63.00635E2C@and.us.ray.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

NOTE: WITH SUMMER IN FULL SWING THE SSB NET WILL MEET AT 7:30PM EDST.

Thanks to all who checked in the past and try to join me tonite.
I am still not 100% from this virus (5 weeks and getting old!) but I will
be
calling the net tonite at 7:30PM EDST.

R0n - N1ZSW

Date: Tue, 19 Jun 2001 09:59:57 -0400
From: "Mike Yetzko" <myetzko@insydesw.com>
To: <bmurrey@amexol.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [100493] Re: is there a best way to start building a kit?
Message-ID: <017701c0f8c8\$2757ff80\$6b01a8c0@INSYDENT>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Years ago, back about 1982 or so, I built the Hamtronics 2M transverter setup. 10M to 2M. The intent was to use a CB set converted to 10M as the core, then this would give me 3W pep output. Then finally to a Mirage B21 (I think that's right) amp.

This is the transverter setup from the old 1980 ARRL handbook, only the Hamtronics kit (while using the same PCB) actually had coil forms!

Anyway, I built the thing, and got the receiving converter working quicker than snot on a cold winter day. (ok, the CB conversion ran into a gotcha, but that's another story, and it involved how I did the PLL conversion. A BIG oops!)

But I couldn't get the transmitting converter going. I tried and tried. I asked another HAM friend, he failed. Went through 3 MORE HAM friends, no luck. (And one of them had built his own little 'pirate' deal for 2.3G... But I'll leave that one alone!) Finally, I went to a guy at work that did TV stuff. He spent about 15 minutes on it and was scratching his head. Finally he bundled it up, and we walked into the RF emissions testing room that had a great spectrum analyzer. He spent about 30 seconds on it, shut it off, pulled the board out and took off for a workbench. He pulled one of my coils, scraped it, and soldered it back in.

It worked.

It was almost 3 months to find that!

Looking back after it was fixed, I could see the clues, but it was my first foray into VHF. But ever since I was always paranoid about those connections.

When I built my K2, I tested EVERY single connection with a meter that went to a coil. Early on, I found one I had to 'touch up', and that FURTHER cemented my resolve to ALWAYS test every coil connection.

Mike

```
> > Finally, any transformers I ALWAYS ohm out BEFORE I mount them,
> > then again after I mount them. ESPECIALLY if I had to wind it
myself
> > or if I had to scrape enamel wire, just to make sure that I scraped
it
> > well enough and the solder made a good connection.
> >
> > Mike
>
>
> Man you said a mouthful there. If I had a nickle for every time I had
to
> remove a toroid, restrip/sand the wire, and reinstall it with instant
> success, I'd be filthy steenking rich. Why do I keep making the same
> mistakes? <grin>
>
> Excellent builder tip Mike.
>
> =====
> KB9BVN/QRP - New Whiteland IN - EM69WN
> QRP-ARCI #10223 QRP-L #1540 FIST #5695
> FISTS CC #764 - Proud Member ARRL
> TEN TEC SCOUT @ 5W or NORCAL 40A @ 1.3W
> INTO INFAMOUS AF4PS ATTIC DIPOLE
> SOC #400 AND FLYING PIGS QRP #-57
> =====
```

Date: Tue, 19 Jun 2001 09:42:18 -0500
From: Harris Keith E CONT CNIN <harris_k@crane.navy.mil>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [100494] Re: Duck Hunt

Message-ID: <4F76B3D4A76AD111803B00A0C9893D9C06ED8DB8@cninexchsrv05>
MIME-Version: 1.0
Content-Type: text/plain

And if you couldn't find a duck, you could be an Elmer Dudd. :^)

73/72 de N9KH

Date: Tue, 19 Jun 2001 09:46:53 -0500
From: "John Burnley" <JBurnley@ifmc.org>
To: <qrp-l@lehigh.edu>
Subject: [100495] Sioux City Hamboree addition
Message-ID: <sb2f1fa2.014@ifmc.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable
Content-Disposition: inline

Sorry for the bandwidth but I failed to mention someone in my last post. =
Without Jerry Huldeen's (WB0T) efforts there would not be any QRP =
activities at the Hamboree. Jerry has worked night and day planning, =
organizing, and making it all happen. The IAQRP Club owes Jerry a very =
big thank you for his FB efforts!

72, John NU0V

Date: Tue, 19 Jun 2001 10:43:22 -0400
From: "Lau, Zack, W1VT" <zlau@arrl.org>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [100496] Re: Digital technical photographs on web pages
Message-ID: <125490A005E3D3118C9C00805FC743CC016B9EFE@KAHLESS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

www.photo.net
a very good site with lots of content

Light Science & Magic
An Introduction to Photographic Lighting
by Fil Hunter and Paul Fuqua

A great book that goes into a lot of

detail--Zack W1VT

Date: Tue, 19 Jun 2001 08:09:56 -0700
From: "laura halliday" <marsgal42@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [100497] Re: Digital Pictures
Message-ID: <F58TyE9h0r27Uc0zSwH0000de8e@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Good ideas, all.

I use an Intel Pocket PC camera - its notion of "high resolution" is 640x480, perfect for web pages. It can hold over 100 such pictures (8 MB flash). It's cheap too.

For close up shots I hook it up to the computer and use it in "look through" mode so I can then see on screen exactly what picture the camera is going to take. Good lighting and razor sharp focus are what you need.

Once taken I find gimp an excellent program for re-touching pictures - crop, tweak the gamma curve if needed, apply a sharpening filter if needed. Great stuff. The price is right too. :-)

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..."
ICBM: 49 15.042 N 122 59.053 W - Hospital/Shafte

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

Date: Tue, 19 Jun 2001 10:46:23 -0700
From: "Jim Crooke" <crooke@prodigy.net>
To: <k3peg@yahoo.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [100498] Re: DON'T miss the DUCK/FOX HUNT...
Message-ID: <008301c0f8e7\$c2efc080\$244efea9@workstation1>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

You all are quacking me up :-)

Jim KJ0C

Date: Tue, 19 Jun 2001 11:51:44 -0400
From: "Paul Christensen" <paulc@mediaone.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [100499] Fw: [TenTec] New IF-DSP HF QRP transceiver
Message-ID: <006201c0f8d7\$c0bddfa0\$6401a8c0@se.mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: "Ten-Tec Inc. Amateur Radio Sales" <sales@tentec.com>
To: <tentec@contesting.com>
Sent: Tuesday, June 19, 2001 11:23 AM
Subject: [TenTec] New IF-DSP HF QRP transceiver

>
>
> Ten-Tec is announcing a new IF-DSP HF QRP transceiver today.
>
> Preliminary feature and specification data is now posted to our web site.
>
> Estimated delivery date, January 1, 2002. Estimated price, \$595.
>
> We are ACTIVELY SOLICITING your commentary for this new
> transceiver. As this unit will be another software-defined transceiver
> (and instantly upgradeable via the Internet), we intend to implement
> user suggestions to drive the feature set for the rig. Of course, we'd
> like to have suggestions now, to decide exactly what will or will not
> be included in the new rig at the onset and what may be added as
> features at a later date.
>
> Suggestions can be emailed to sales@tentec.com, put "QRP Rig
> Suggestions" on the subject line. We do not intend to send replies to
> all the suggestion email, but each and every suggestion will be
> considered.
>
> Will someone reading this please forward to the QRP-L listserv.
> While I read the archive actively, I am not presently subscribed due
> to the volume of traffic there and can't post.

>
> Thanks
> Scott Robbins, W4PA
> Amateur Radio Product Manager
>
>
>
>
> -----
> Ten-Tec, Inc., 1185 Dolly Parton Pkwy, Sevierville, TN 37862 USA
> Contact Mon-Fri Eastern: Office/Tech (865) 453-7172 9 am-5 pm.
> Repair (865) 428-0364 8-4. Sales (800) 833-7373 9 am-5:30 pm.
> Fax (865) 428-4483 24 hrs. Visit us at <<http://www.tentec.com>>
>
> --->--->---> Please note: E-mail <sales@tentec.com> for sales
> and general product info only. We presently do not offer
> repair, parts, or kit building tech support by electronic mail,
> please telephone (865) 428-0364 or (865) 453-7172.
>
> Ten-Tec manufactures amateur radio equipment, military and com-
> mercial use HF radio equipment, custom aluminum and steel
> enclosures and has an on-premises, fully equipped tool and die
> facility supplying metal and plastic injection mold industries.
> Potential tool and die, custom enclosure or communications
> electronics customer? Contact us with your needs.
>
>
>
> --
> FAQ on WWW: <http://www.contesting.com/FAQ/tentec>
> Submissions: tentec@contesting.com
> Administrative requests: tentec-REQUEST@contesting.com
> Problems: owner-tentec@contesting.com
>

Date: Tue, 19 Jun 2001 09:52:10 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>, Low Power Group <qrp-1@LeHigh.EDU>
Subject: [100500] Canaday July 1st contest
Message-ID: <Pine.LNX.4.33.0106190951310.7668-1000000@neale.gpfn.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

[CItime,u don't have a logging program for this, there's a really nice

freewa available for downloading on the QRP-Canada web page...it's
available at: <http://www.rac.ca/qcanday.htm>
A certificate for the Leading European qrp station will be awarded by
Wayne, G0JJQ.
Good luck everyone and Hathe original author no longer had the time to
support so he sent me the source code...pit!

it's taking me a while to get used to the reality of being retired...hi
i..

Date: Tue, 19 Jun 2001 11:56:27 EDT
From: NB6M@aol.com
To: qrp-l@lehigh.edu
Subject: [100501] Some Thoughts on Operating from ZF2 and other DX locations
Message-ID: <2b.170d60ad.2860d02b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi All,

Nice to be home again after several months away.

Over the period from early February until early May, I was on Grand Cayman
Island, in the Caribbean south of Cuba, and did a bit of casual operation,
mostly on QRP CW, with some PSK31 thrown in.

The rig used for the CW operation was the Two-Bander I built, using two of
Dave Benson, NN1G's boards, that I wrote about in the Summer, 2000, issue of
the NorCal QRP Club's publication, QRPp.

This rig is for the 40 and 20 Meter bands, and puts out a nominal 1.5 Watts.
The antenna I used was a 40 meter dipole, fed with 450 Ohm ladder line,
strung through the limbs of two trees, the center 15 feet off the ground, the
two ends 10 to 12 feet off the ground.

The tuner used was the NorCal BLT tuner, which was the only building project
I took with me (should have taken more, hi hi).

As I have noted while operating from /MM in the Sea of Cortez and west coast
of Mexico, 40 Meter QRP from locations several hundred miles away from the US
was quite disappointing. Few QSOs were to be had, and those were almost all
with stations near or on the Gulf Coast of the US. I did participate in one
QRP Contest on 40, but made few contacts.

20 Meter QRP operation, however, was very rewarding, with many very nice DX contacts.

I had left at home an unbuilt Small Wonder Labs SW-30+ kit, and was very sorry that I had not taken it with me, as I have had great results from QRP 30 Meter operation from the Sea of Cortez and west coast of Mexico, and knew that 30 would have been a good band of choice for QRP CW from Cayman, as I did a bit of operation on 30 with the Yaesu I had installed on the sailboat I was sailing there, and there were many DX contacts to be had.

I also used the Yaesu and a TNC and laptop setup to do email from Grand Cayman, linking on Pactor with ZF1GC, Frank Scotland's station, there on the island, as 3rd party traffic from there to US stations is prohibited but was totally OK from one Cayman station to another. Frank was very helpful and I enjoyed having the chance to meet him and see his station setup.

If you are choosing a kit or building a circuit for a QRP rig and need to make decisions concerning bands of operation, think about the fact that while you are in the continental US, 40 Meters is a great choice, due to the large amount of QRP activity and the relatively close proximity of stations.

But, if you are planning operation from anywhere outside the continental US, or perhaps central Europe, my recommendation for first choice of band would be 20 Meters, with 30 Meters taking a close second. I have had a lot of good contacts on 30 from relatively DX locations, but there is more activity generally on 20.

Incidentally, I found the officials in the Cayman Islands Office of Telecommunicatioins to be about the most helpful and friendly of any officials I have encountered anywhere. So, if you are planning a hamcation in the Cayman Islands, they will do everything they can to make your ham radio license and equipment import permit application flow smoothly. Their email address is:

oftel@candw.ky

The web address for the Cayman Islands Amateur Radio Society is:

<http://www.candw.ky/users/cay1009/pub/radio/index.htm>

Again, good to be back, and looking forward to delving into more building projects.

Best regards to all.

Wayne NB6M

Date: Tue, 19 Jun 2001 11:00:24 -0500
From: Ken Hopper <khopper@uchicago.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [100502] New Ten-Tec IF-DSP QRP rig
Message-ID: <3B2F7718.42B9ACE2@uchicago.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ten-Tec has just announced a new IF-DSP QRP rig

<http://www.tentec.com/TT516.htm>

I have no association with Ten-Tec or any other vendor. Just F.Y.I.
dit dit
de ken n9vv at n9vv dot com
<http://www.n9vv.com>

Date: Tue, 19 Jun 2001 09:10:21 -0700
From: "N7SG K7FD" <k7fd@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [100503] FD Plans K7Low
Message-ID: <F61HNKjgJKVApwOLZCH0001f357@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

K7Low will be operating 1B-Battery using K2/655 and W6MMA MP-1. Logging will be performed with pencil and paper! Seems there should be extra points for natural powered logging.

Hope to hear you on, this year should be a real blast!

73 John K7FD, op at K7Low

Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Date: Tue, 19 Jun 2001 09:22:03 -0700 (PDT)
From: agtaylor@llnl.gov
To: qrp-l@lehigh.edu
Subject: [100504] FS: K2
Message-ID: <200106191622.JAA04025@poptop.llnl.gov>

MIME-Version: 1.0
Content-Type: TEXT/plain; CHARSET=US-ASCII

Still available:

K2, built immaculately and with ssb and 160m/2ndRX kits.
\$750 shipped (domestic).

Allan G Taylor

agtaylor@llnl.gov

Date: Tue, 19 Jun 2001 09:24:19 -0700
From: Mighty Mik <mightymik2@home.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [100505] seeking 2SK937s
Message-ID: <5.0.2.1.0.20010619091954.00a27450@mail>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

These are used in Icom rigs for the front end. Google search turns up info, and searches at RF Parts, MCM electronics, and Partminer turn up nothing. It's a low noise part. Pointers in the right direction appreciated. It's a Sanyo part.

Date: Tue, 19 Jun 2001 16:30:08 -0000
From: "Delbert Long" <ad6we@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [100506] NE602etc...
Message-ID: <F370gP5iZAIxpmV2kER00012702@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I am trying to collect parts to build the MRX-40 Receiver...the part that I can't seem to find is the most important (obviously) ... where can I get an NE602 / 612?

Thanks

Del, AD6WE

Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Date: Tue, 19 Jun 2001 09:30:58 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: khopper@uchicago.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [100507] Re: New Ten-Tec IF-DSP QRP rig
Message-ID: <3B2F7E42.74C6D179@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Looks pretty cool, Ken. Thanks for posting the url!

I wonder how well IF-DSP filters will combat blow-by and such.

The price and all-req RX sure look promising.

Phil W7OX

Ken Hopper wrote:

>
> Ten-Tec has just announced a new IF-DSP QRP rig
>
> <http://www.tentec.com/TT516.htm>
>

Date: Tue, 19 Jun 2001 09:33:09 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: k7fd@hotmail.com, QRP List <qrp-l@lehigh.edu>
Subject: [100508] Re: FD Plans K7Low
Message-ID: <3B2F7EC5.BBF742BC@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

N7SG K7FD wrote:

>
> K7Low will be operating 1B-Battery using K2/655 and W6MMA MP-1. Logging will
> be performed with pencil and paper! Seems there should be extra points for
> natural powered logging.

>

These days I'd have to bang away on a portable typewriter to do that legibly! WPs have made my handwriting almost illegible!

73, Phil W7OX

Date: Tue, 19 Jun 2001 11:20:17 -0500
From: "Randall Jouett" <rules@bellsouth.net>
To: <bmurrey@amexol.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [100509] Re: is there a best way to start building a kit?
Message-ID: <013d01c0f8dd\$db2e9d60\$16084ed8@rules>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: Brian <bmurrey@amexol.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Tuesday, June 19, 2001 8:36 AM
Subject: Re: is there a best way to start building a kit?

Hey Brian,

> Man you said a mouthful there. If I had a nickle for every time I had to
> remove a toroid, restrip/sand the wire, and reinstall it with instant
> success, I'd be filthy steenking rich. Why do I keep making the same
> mistakes? <grin>

Well, this probably isn't the safest method, but I usually go out into the yard and burn the enamel off with a BIC lighter. Then I go back inside and scrape the charred film off with a sharp pocket knife. Works for me :^).

Randy

--

HAMateur Radio: AB5NI

Date: Tue, 19 Jun 2001 11:37:40 -0500
From: "Aartec" <aartec@dwx.com>
To: <qrp-1@Lehigh.EDU>
Subject: [100510] Sioux City Hamboree and Iowa QRP Convention
Message-ID: <000001c0f8de\$287a3660\$c39fef3f@b6v6o9>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

When I saw what was on the agenda for the Iowa QRP Convention, I quickly abandoned the traditional outing I have been making for the past 12 years on father's day weekend and decided to take in the convention instead. Now that the convention is history I can without a doubt say that was an excellent choice. The forums by Ed Hare (W1RFI), Jim Duffy (KK6MC/5), Ade Weiss (W0RSP), and Walt Holling (N9MZZ) were truly outstanding. Between the lunches, forums, and various formal and informal gatherings, I barely had time to roam the flea market, which included a nice variety of stuff from commercial vendors and individuals alike. The IA QRP Club had a table there packed with member projects. It attracted a lot of attention from QRP and QRO types alike. Included in the lineup was an array of Manhattan style gear beautifully constructed by Mike Fitzgibbon (N0MF). Ed Hare brought the original W1FB Tuna Tin 2 with him and that was on the table as well.

The Friday night building session was a blast and attracted an overflow crowd. QRPers and non-QRPers alike gathered in a hotel conference room, grabbed soldering irons, and built TT2 and/or St. Louis amplifier kits. When the rosin smoke cleared a wide range of projects built by members in the past year were judged and some fabulous prizes were distributed. My 9-year-old son, who till this point has been totally un-interested in any of my hobbies, was with me. We started building a St. Louis amp kit and he was having a good time with it. He then received personal soldering instruction from none other than Ed Hare (W1RFI) and went on to finish the project, doing all the soldering himself. Ed and others gave him lots of positive reinforcement on his soldering ability and I could see him start to get excited. When it was all over, he was given a Ft. Smith keyer kit, and praised for his building efforts. From that point on all he could talk about was coming back next year to enter the keyer in the contest and that next year he would have a license! Thanks John (NU0V), Ed (W1RFI), Mike (N0MF), Paul (KB0JIT), Jim (KK6MC) and all the others who convinced my son that ham radio is great fun. He started on the keyer kit as soon as we got home.

I know it takes a huge effort to pull off a first class event like this and at the risk of missing someone I would like to say thanks to the people who made it possible. Thanks to Jerry Huldeen

(WB0T) for organizing it all and making it happen, Paul Sipes (KB0JIT) also for organizing it and running the building session and contest, Mike

Fitzgibbon (N0MF) for running the building session and contest, and John Burnley (NU0V) for running the display table, coordinating, organizing, and much much more. Thanks Jim Duffy (KK6MC), Ed Hare (W1RFI), Ade Weiss (W0RSP), and Walt Holling(N9MZP) for the interesting presentations and discussions.

Next year's convention is already on my calendar! Hope to see you there.

72

Jerry

W0PWE

Date: Wed, 20 Jun 2001 00:53:46 -0400
From: "w8diz" <w8diz@fpqrp.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [100511] Re: NE602etc...
Message-ID: <003201c0f944\$fdd5bf30\$0200000a@hunkar.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Anybody looking for SA602AN mixers.....
look at <http://kitsandparts.com>
They are available at 5 for \$10 US.

-72 Diz

----- Original Message -----
From: "Delbert Long" <ad6we@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Tuesday, June 19, 2001 12:30 PM
Subject: NE602etc...

> I am trying to collect parts to build the MRX-40 Receiver...the part that
I
> can't seem to find is the most important (obviously) ... where can I get
an
> NE602 / 612?
>
> Thanks
>
> Del, AD6WE
> -----

> Get your FREE download of MSN Explorer at <http://explorer.msn.com>
>
>

Date: Tue, 19 Jun 2001 13:02:22 -0400
From: "Newell, John O" <JNewell@goodwinprocter.com>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [100512] RE: is there a best way to start building a kit?
Message-ID: <C3345B3FCEED2119FAA0008C739ABBD036F3222@bosmsg2.gph.com>

> for those of you who've built the psk80, how did you
> proceed?

I made two errors on this kit, one major and one minor.

The MAJOR error was not putting the SMDs on first. I started at about 2230 one night and finished around midnight and somehow missed putting the two SMDs on until last. ("Oh, gosh, I guess I shoulda put these on earlier...lessee, where do they go now?") Major mistake! The SMDs would have been tricky enough at normal hours on a naked board, but near midnight on a fully populated board, ugh. I was convinced I was going to bridge something or solder it on incorrectly. Happily, no problems, but don't tempt fate!

The minor error was putting a diode in backwards. Duh. It was marked on the board and in the instructions...I blame it on the hour rather than the operator! ;^)

In any case, a fun kit -- many tnx to the folks who are responsible.

72
John Newell
KB1FPM

This message is intended only for the designated recipient(s). It may contain confidential or proprietary information and may be subject to the attorney-client privilege or other confidentiality protections. If you are not a designated recipient, you may not review, copy or distribute this message. If you receive this in error, please notify the sender by reply e-mail and delete this message. Thank you.

Date: Tue, 19 Jun 2001 17:07:48
From: "Leon Heller" <leon_heller@hotmail.com>
To: ad6we@hotmail.com, qrp-1@Lehigh.EDU
Subject: [100513] Re: NE602etc...
Message-ID: <F1343fQtYdVzDpubxcb00001477@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>

>I am trying to collect parts to build the MRX-40 Receiver...the part that I
>can't seem to find is the most important (obviously) ... where can I get an
>NE602 / 612?

Try SA602/612. Philips renamed them. Premier-Farnell should have them.

73, Leon

--

Leon Heller, G1HSM Tel: (work): +44 1327 357824 (home): +44 1327 359058
Email:leon_heller@hotmail.com My web page:
http://www.geocities.com/leon_heller IRISYS Ltd: <http://www.irisys.co.uk>

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

Date: Tue, 19 Jun 2001 10:37:39 -0700
From: "Trevor Jacobs" <fxtech@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>,
<mcwood@cornhusker.net>
Subject: [100514] Re: Duck Hunt
Message-ID: <004f01c0f8e6\$a05a1a80\$190cf4d8@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

That may cause even more confusion Scott, I'd call the hunters Fuds ;-)

Trev
KG6CYN

----- Original Message -----

From: Scott McCullough <mcwood@cornhusker.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Tuesday, June 19, 2001 6:54 AM
Subject: Re: Duck Hunt

> >Of course there would have to be a team of Hounds called "Daffies"
>

> Wouldn't the ducks be called the "Daffies"? Then the hunters
> could be called "Elmers".
>
> Scott ~ NB0W
>
>
>

Date: Tue, 19 Jun 2001 21:48:14 +0400
From: "Oleg Borodin" <master72@lipetsk.ru>
To: "qrp-l" <qrp-l@lehigh.edu>, "G-QRP" <gqrp@yahoogroups.com>
Subject: [100515] "Putin-20"
Message-ID: <20010619175014Z10718-15706+531@relay.lipetsk.ru>
MIME-Version: 1.0
Content-Type: text/plain; charset=KOI8-R
Content-Transfer-Encoding: 7bit

:--)
Lipetsk Technician Group has just announced a new kit for QRPers "Putin-20".
This is a little trcvr CW/QSK with VFO for any of bands 160 to 20 meters.
Power is 1 wttts output, work well and no problems with tuning. Schemes and
order at site see down.
72 & 73! de RV3GM/QRP
eng. Oleg V. Borodin
E-Mail: master72@lipetsk.ru
ICQ # 120927149
G-QRP#4690 QRP-ARCI#10742 QRP-MASTER#50
Trcvr's kits for QRPers at Web <http://www.qsl.net/rv3gm/>

Date: Tue, 19 Jun 2001 11:54:29 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Trevor Jacobs <fxtech@earthlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [100516] Re: Duck Hunt
Message-ID: <Pine.LNX.4.33.0106191151210.14602-1000000@neale.gpfn.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

You know, I think someone SHOULD come up with a "Duck Hunt" operating
event.....I think it would be a LOT of fun.....I've been rattling some
ideas around in my head about this....only trouble is the ECHOS are darn

loud eh!?!....hi hi hi.....ducks have been favourites of mine for
years & years....I especially like the Mallards and Loons.....LOONEY
TUNES!!...there you go...naw, that's already been taken.....

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
K2#2032 A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" oo#148 "I am da man wit "DAH" paddle!"

Date: Tue, 19 Jun 2001 14:34:15 -0400
From: "Ron McConnell" <rcmcc@lucent.com>
To: "'NJQRP'" <njqrp@njqrp.org>, "'HFpack'" <hfpack@yahooogroups.com>, "'QRP-L'"
<qrp-l@lehigh.edu>, "'Rick-WB2QOQ Anderson'" <wb2qoq@lucent.com>
Cc: <w2pm@aol.com>, <tom@w1tp.com>, "'Len-K6ANP Geraldi'" <k6anp@earthlink.net>
Subject: [100517] Morse Code on History Channel, "This Week in History", June 18 &
24
Message-ID: <008401c0f8ee\$72088600\$ee051187@amc.belllabs.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The History Channel's "This Week in History" program
did indeed have a 10 minute Morse/Vail segment
about 35-40 minutes into the hour.
It was shown at 8 PM EDT and again at midnight last night.
They show part of an interview with a lady at Historic
Speedwell. This may have been taken from the forthcoming
PBS TV documentary. W2PM is contacting PBS
to find out more on the schedule for that.

The main story of the show is "Who Killed Bugsy Speigel?"
This confused some who checked in and
then tuned out. The TV schedules don't mention
the Morse/Vail story.

"TWiH" is also shown Sundays at noon and _maybe_
other days during the week.
The show should be on again this Sunday, June 24.
The schedule page for THiW at
<http://www.historychannel.com>
keeps coming up blank.

QUIZ:

Q: Who invented the "Morse" "dot-dash" Code?

A. Vail.

Q. What telegraph code did Morse invent?

A. A number-to-word code in a big coding/decoding book.

Q. What code was patented?

A. Both the Vail "dot-dash" and Morse book codes.

Cheers, 73,

Ron McConnell
w2iol@arrl.net

Date: Tue, 19 Jun 2001 13:32:17 -0500
From: Robert Perkins <rperkins@gte.net>
To: qrp-l@Lehigh.EDU
Subject: [100518] Soldering Toroids (was building a kit)
Message-ID: <3.0.5.32.20010619133217.0082bd60@mail.gte.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Every time this list or qrp-l gets onto soldering toroids I argue with myself about posting these thoughts. My cautious side just lost. I did not need to redo any of my toroid connections, but I had several years experience as an engineering tech working with heat stripping wire on tiny toroids when I was much younger. Those transformers had as many as twelve "thirty something" gage wires. Most of the way through my K2, worrying all the way, I remembered that the technique we used on those wires was that they all came through the board through the same hole, then were stretched across pie shaped lands surrounding the hole. Too small to pre-strip, they were stuck down directly with 800 degree irons. The tiny wire conducted very little heat, so it stripped well. I doubt this part would work on what we are using. Most of the way through my k2 I changed from bringing the pre stripped wire straight up through its hole to laying the wire across the pad where the pad was large enough to do so. For me this is reassuring because its easy to see the solder meniscus.

My reservations about recommending this method to others are as follows:

- 1) You need to do something to be sure that none of the wire extends beyond the pad edge inviting bridges to other parts of the circuit. After soldering, I bend the wire back up at the edge of the pad so that my flush cutters can get to it easily.
- 2) There will be no benefit to this method unless you use solder very sparingly, I use .020 when I remember where I put the roll and .015 when I don't. I also have a large magnifying lamp to do inspections with.

Robert
K5IAA

Date: Tue, 19 Jun 2001 15:11:25 -0400
From: Ed Kessler <edkess@pa.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Cc: "Eastern PA QRP Club" <epaqrp-1@Lehigh.EDU>
Subject: [100519] QRP Rigs For Sale
Message-ID: <5.0.2.1.0.20010619144952.00a1aec0@mail.pa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I have the following rigs for sale that I'm planning to take to a hamfest soon. Any takers?

DSW-30 - \$150

DSW-20 - \$150 (newer style encoder)

SST-20 - \$100 (Tick 1 keyer installed, switched varactors tune from 14.050-14.063)

SW 40/20 Rig -\$125 (Tick 1 installed, this package is two stacked SW rigs with shared controls on the front and back panels, works great)

Sony 7600 Shortwave Receiver - \$115 (includes vinyl case, wind-up antenna, original packaging)

All rigs are in excellent cosmetic and electronic condition. Shipping/Insurance should be around \$5.00 per item.

A photo of the QRP rigs can be seen at my website: <http://www.qsl.net/aa3sj/Pages/Sale.html>

73s
Ed AA3SJ

950 Woodside Station Road
Millersburg, PA 17061

Date: Tue, 19 Jun 2001 15:21:59 -0400
From: Ed Kessler <edkess@pa.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, "Eastern PA QRP Club"

<epaqrp-1@Lehigh.EDU>
Subject: [100520] FS Yaesu VX-5 plus accessories
Message-ID: <5.0.2.1.0.20010619151648.00a5ab00@mail.pa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I also have a Yaesu VX 5 Handheld transceiver for sale.

Includes the following accessories:
An extra FNB-58 Lithium-ion battery pack.
AC wall charger.
Alkaline cell battery holder.
Diamond SRH815 mini whip antenna.
Pryme Ear/Mic.
Also has the barometer feature installed.

Like new, includes manual and original packaging.

\$300 plus \$5 shipping.

73s
Ed AA3SJ

950 Woodside Station Road
Millersburg, PA 17061

Date: Tue, 19 Jun 2001 13:01:26 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: master72@lipetsk.ru
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [100521] Re: "Putin-20"
Message-ID: <3B2FAF96.F0C56671@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Oleg,

Have you run use of your President's name past all the usual government
"functionaries"??? <grin>

73, Phil W70X

Oleg Borodin wrote:

>

> :-)
> Lipetsk Technician Group has just announced a new kit for QRPers "Putin-20".
> This is a little trcvr CW/QSK with VFO for any of bands 160 to 20 meters.
> Power is 1 wttts output, work well and no problems with tuning. Schemes and
> order at site see down.
> 72 & 73! de RV3GM/QRP
> eng. Oleg V. Borodin
> E-Mail: master72@lipetsk.ru
> ICQ # 120927149
> G-QRP#4690 QRP-ARCI#10742 QRP-MASTER#50
> Trcvr's kits for QRPers at Web <http://www.qsl.net/rv3gm/>

Date: Wed, 20 Jun 2001 00:19:31 +0400
From: "Oleg Borodin" <master72@lipetsk.ru>
To: <w7ox@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [100522] Re: "Putin-20"
Message-ID: <20010619202041Z10961-15704+584@relay.lipetsk.ru>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Dear OM Phil and All's!
This name is the first of all comin' to my mind!
I think the trcvr named like our President will be so more popular as same
President, Hi...
Especially, it work as well as V.Putin ;-)
72 & 73! de RV3GM/QRP
eng. Oleg V. Borodin
E-Mail: master72@lipetsk.ru
ICQ # 120927149
G-QRP#4690 QRP-ARCI#10742 QRP-MASTER#50
Trcvr's kits for QRPers at Web <http://www.qsl.net/rv3gm/>

>
> Have you run use of your President's name past all the usual government
> "functionaries"??? <grin>
>
> 73, Phil W7OX

Date: Tue, 19 Jun 2001 16:51:03 -0400
From: "kw3u@warwick.net" <kw3u@warwick.net>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [100523] need info MFJ=962C tuner
Message-ID: <3B2FBB37.AFC545EA@warwick.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=gb2312
Content-Transfer-Encoding: 7bit

Hi; looking for help on mfj tuner.

I have already tried mfj online but that manual is not there
Yet.

recently obtained this KW(read low loss) tuner, but no manual, hence my
question; unlike my present model 949E model which has a single wire
terminal, the 962c model has two insulated terminals marked balanced
line/wire.

I'm guessing that shorting the two terminals and attaching a single wire
will

be the same?? again I have no manual/schematic yet, but will probably
drag this to field day and would like to put up some 1000' ft rolls of
28

gauge for random end fed....suggestions and advice cheerfully accepted.

Tnx Jim / KW3U

Enjoy FD but remember Safety First....

Date: Tue, 19 Jun 2001 17:07:48 -0400
From: "Mark J. Dulcey" <mark@buttery.org>
To: kw3u@warwick.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [100524] Re: need info MFJ=962C tuner
Message-ID: <3B2FBF24.53C80FFA@buttery.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

"kw3u@warwick.net" wrote:

>

> Hi; looking for help on mfj tuner.

> I have already tried mfj online but that manual is not there

> Yet.

> recently obtained this KW(read low loss) tuner, but no manual, hence my

> question; unlike my present model 949E model which has a single wire

> terminal, the 962c model has two insulated terminals marked balanced

> line/wire.

> I'm guessing that shorting the two terminals and attaching a single wire

> will
> be the same?? again I have no manual/schematic yet, but will probably
> drag this to field day and would like to put up some 1000' ft rolls of
> 28
> gauge for random end fed....suggestions and advice cheerfully accepted.
> Tnx Jim / KW3U

You can probably figure out the schematic of your tuner (except for actual component values for the inductor and the variable capacitors) by opening it up and having a look. Antenna tuners are simple beasts; most of the MFJ models are simple T networks with an input capacitor, an output capacitor, and a variable inductor (either tapped or roller) between them, going to ground. They do also make one model that they describe as a differential-T tuner, which I believe uses a slightly different circuit that includes a split capacitor.

Some models have antenna switches that select a jack on the back, some have internal dummy loads, some have balanced outputs in addition to the usual coax - but you can probably still figure it out by visual inspection.

The terminals marked balanced line are likely at the output end of a balun; one of the balun inputs is connected to the same place as the coax center terminal, and the other goes to ground. If you're not running balanced feeders, you'd be better off avoiding the balun; since your tuner doesn't have a single wire input, just use the center conductor of the coax jack, and attach your station ground to the ground terminal (if you have one) or the shell of the coax jack. The balun probably also does a 4-1 impedance transformation, but you will probably be able to match your antenna with or without that impedance change.

Date: Tue, 19 Jun 2001 18:02:12 -0400
From: Dave Fouchey <dafouchey@home.com>
To: marsgal42@hotmail.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [100525] Re: Digital Pictures
Message-ID: <4.1.20010619175535.009503c0@mail>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I'm rather fond of my Olympus 490-Z with 64 MB Flash, only complaint is the serial link to the PC is kind of slow, not USB. I use Vueprint for most of my image touch up inexpensive and has all sorts of tools.

<http://www.hamrick.com/>

And no I have no commercial affiliation etc. etc.

great thread by the way, I am curious to hear more about close up work on photographing circuit boards and such, lighting tips etc. Anyone know of a Digital Camera capable of taking advantage of a ring flash? (I think that's what they are called, circular flash which surrounds the lens.) Would something like that make macro photography of boards easier?

TNX
Dave
WA4EMR/8

At 08:09 AM 6/19/2001 -0700, laura halliday wrote:

>Good ideas, all.

>

>I use an Intel Pocket PC camera - its notion of "high
>resolution" is 640x480, perfect for web pages. It can
>hold over 100 such pictures (8 MB flash). It's cheap too.

>

>For close up shots I hook it up to the computer and
>use it in "look through" mode so I can then see on
>screen exactly what picture the camera is going to
>take. Good lighting and razor sharp focus are what
>you need.

>

>Once taken I find gimp an excellent program for re-
>touching pictures - crop, tweak the gamma curve if
>needed, apply a sharpening filter if needed. Great
>stuff. The price is right too. :-)

>

>Laura Halliday VE7LDH "Que les nuages soient notre
>Grid: CN89mg pied a terre..."
>ICBM: 49 15.042 N 122 59.053 W - Hospital/Shafte

>

>-----
>Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

Date: Tue, 19 Jun 2001 18:05:19 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: dafouchey@home.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [100526] Re: Digital Pictures
Message-ID: <3B2FCC9F.66500974@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Dave,

Using a ring flash with a digital camera depends on whether your digital camera has external flash sync. I seriously doubt that most of the digital cameras sold today have this. They are just simple box cameras. Step up your purchase to something like the Nikon D1 (\$5,000) or the EOS D30 (\$3000) and you will probably get external flash sync. You could do your photography in a dark room, let the exposure for bulb, if you have that much control, and then use the ring flash for illumination while the shutter is open.

73

Date: Tue, 19 Jun 2001 15:20:57 -0700
From: Mighty Mik <mightymik2@home.com>
To: master72@lipetsk.ru
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [100527] Re: "Putin-20"
Message-ID: <5.0.2.1.0.20010619151716.00a29ec0@mail>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 12:19 AM 6/20/01 +0400, you wrote:

>Dear OM Phil and All's!
>This name is the first of all comin' to my mind!
>I think the trcvr named like our President will be so more popular as same
>President, Hi...
>Especially, it work as well as V.Putin ;-)
>72 & 73! de RV3GM/QRP

If we did that here...it would be the President Bush. Hey, that sounds suspiciously like a line of 11 meter QRP rigs...

[ducking]

>eng. Oleg V. Borodin
>E-Mail: master72@lipetsk.ru
>ICQ # 120927149
>G-QRP#4690 QRP-ARCI#10742 QRP-MASTER#50
>Trcvr's kits for QRPers at Web <http://www.qsl.net/rv3gm/>
>
>
>-----
> >

> > Have you run use of your President's name past all the usual government
> > "functionaries"??? <grin>
> >
> > 73, Phil W70X

Date: Tue, 19 Jun 2001 17:38:15 -0500
From: "George, W5YR" <w5yr@att.net>
To: w6toy@erols.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [100528] Re: Digital Pictures
Message-ID: <3B2FD457.16BB3CDF@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bruce, you are selling some of the newer cameras a little short.

I have a Kodak 4800 which has external synch, accepts filters and lenses, allows for either aperture-priority or shutter-priority auto operation, has full manual control if desired, etc. etc. Most fully featured camera I have seen yet. Rivals my Canon A-1 (remember those?) in flexibility.

Far, far from a "box camera." And currently selling for only \$500.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

Bruce Muscolino wrote:

>
> Dave,
>
> Using a ring flash with a digital camera depends on whether your digital
> camera has external flash sync. I seriously doubt that most of the
> digital cameras sold today have this. They are just simple box
> cameras. Step up your purchase to something like the Nikon D1 (\$5,000)
> or the EOS D30 (\$3000) and you will probably get external flash sync.
> You could do your photography in a dark room, let the exposure for bulb,
> if you have that much control, and then use the ring flash for
> illumination while the shutter is open.
>
> 73

Date: Tue, 19 Jun 2001 18:37:11 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: "George, W5YR" <w5yr@att.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [100529] Re: Digital Pictures
Message-ID: <3B2FD417.A289B0BC@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

George,

The Kodak 4800 is a relatively new camera on the digital horizon. Its features are somewhat better than the basic box camera, but not competitive with a real camera, digital or film! The Canon G1 is a better box, and sells in the same price range.

No matter what you say about these cameras, they will fall way short of a truly professional level camera, and even the level of a decent amateur camera! You will be limited in the ability of the simple lens to focus closely enough and to be sharp across the entire image plane. Your success with them will depend on your skill with a real camera and your inventiveness!

73

End of QRP-L Digest 2225

